# The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

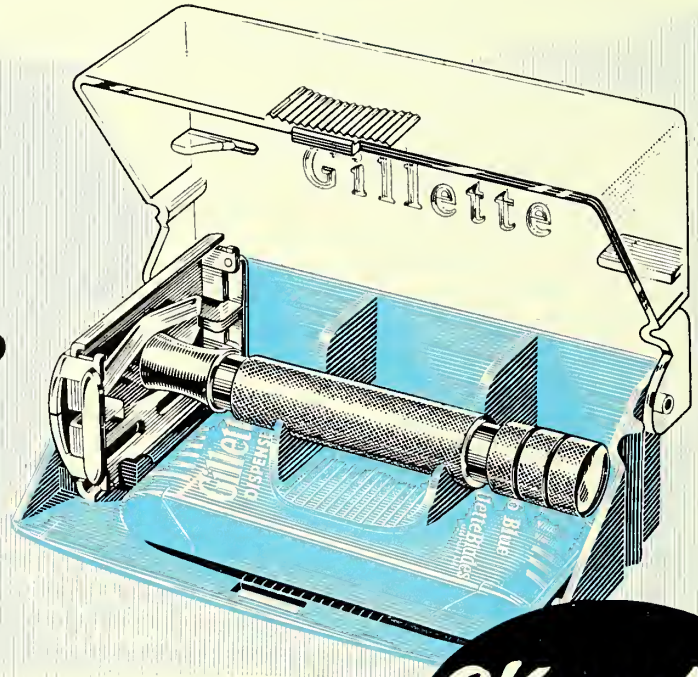
MAY 1 1954

A bouquet in every box . . .

Soaps with the true fragrance of fresh flowers . . in charming pastel shades to blend with your bathroom decor

# Sensational Sales — and more to come!

## Gillette 'Rocket' Set




**8/6 value for 6/6**

In under six months a staggering number of men have met Superspeed Shaving through buying the Gillette 'Rocket' Set. *But that's only scratched the surface of a vast market.*

Even now about nine out of ten are still using the old three-piece razor. Seize this rich opportunity. There are scores of customers ready-made for 'Rocket' Sets *now*. And all of them will be Blue Gillette Blade users in the future.

**Wonderful value.** At 6/6 the 'Rocket' Set is an irresistible offer—the kind of value the public go for.

**Powerful advertising.** Strong selling advertisements in all important newspapers and two full colour advertising films in over 2,000 cinemas will show the 'Rocket' Set to your customers. It's up to you to clinch the sales.

STOCK, DISPLAY AND SELL

# Gillette

## Superspeed Shaving

*advance exposure!*

GB-KERSHAW

*give you an exciting preview of the shape of things to come . . .*

***THE G.B.-KERSHAW RANGE OF CAMERAS***

UP-TO-DATE . . . UP TO STYLE
UP TO THE DEMANDS
OF THE MODERN MARKET

**WATCH OUT — they mean business**

***AND THEY'RE COMING SOON, SO—BE SURE— with G.B.-KERSHAW!***

*Distributed by* **G.B. EQUIPMENTS LTD.,** **Photographic and Optical Division**
Dept. CD/5/54, Mortimer House, 37-41 Mortimer St., London, W.1. MUSeum 5432
*Member of the* **British Optical and Precision Engineers' Group** BOPE
*Within the J. Arthur Rank Organisation*

# PHARMACEUTICALS

# DRUGS

# FINE CHEMICALS

# ANTIBIOTICS

# QUININE

The reliable Antimalarial

# QUINIDINE

## R. W. GREEFF & CO., LTD.

HEAD OFFICE :

**12, FINSBURY CIRCUS, LONDON, E.C.2.**

Phone : LONDON WALL 5241 (8 lines) Grams : GREEFF, AVE, LONDON

and at

THE ROYAL EXCHANGE, MANCHESTER, 2 Phone : Blackfriars 9407-8

also

R. W. GREEFF & CO., INC., 10, ROCKEFELLER PLAZA, NEW YORK

*A new Ganglionic Blocking Preparation*

# METHIUM CHLORIDE

*in the treatment of Hypertension*

The past decade has produced unfortunately a steady but consistent rise in the number of cases of hypertension. Various drugs have been developed to combat this disease, though many have had to be abandoned because of the occurrence of side-effects, toxic reactions and the necessity for treatment in hospital.

Warner Laboratories have made extensive research into the problem of hypertension and, as a result, have developed Methium Chloride, an oral tablet ideal for ambulant patients.

Clinical tests with this product have been carried out both in the United States and in this country. So satisfactory have been the results, that already Methium Chloride is being used in hospitals and clinics here.

Following this evidence of its efficacy, Methium Chloride is being introduced to doctors throughout Great Britain. Literature and samples are being sent to them by post and advertisements will appear in the leading medical journals, as well as personal contact by our medical representatives. May we suggest that you order a supply as soon as possible.

*Packing and Prices:*

*Methium Chloride is an S.IV poison, not subject to purchase tax. It is supplied in bottles of 50 tablets of 125 mg. and 250 mg. strengths at 7/6 and 12/9 each respectively; list price per dozen 125 mg. strength 60/-, 250 mg. strength 102/-. Also bottles of 500 tablets for dispensing, 125 mg. strength 40/-, each, 250 mg. strength 68/- each to chemists.*

*William R. Warner & Co. Ltd., Power Road, London, W.4.*

# Handjoy

the unique perfumed cream that removes fruit and vegetable stains from the hands

**2/6 Per Jar**

Serial No ★ 1832
BRITISH
GOOD HOUSEKEEPING INSTITUTE
GUARANTEES
REFUND OF MONEY OR REPLACEMENT IF NOT IN CONFORMITY WITH THE INSTITUTE'S STANDARDS

This display stand free with every dozen. Place it on your counter — Handjoy displayed means Handjoy sold.

**ADVERTISING now appearing in leading Women's magazines.**

ORDER NOW to join in the rising sales. Housewives will be asking for Handjoy throughout the spring and summer while fresh fruit and vegetables are in season.

**P.A.T.A. TERMS :**

through your wholesaler **13/-** per doz. jars

*plus P. Tax 9/9 per dozen*

**Inclusive Retail Price 2/6 per jar**

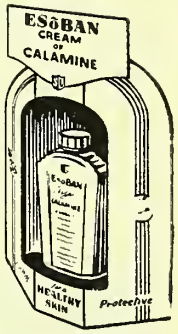
*These terms show retailers a discount of* 35.8%

**G. T. FULFORD CO. LTD. (OF CANADA)**
**8 Royston Park Road, Hatch End, Middlesex**



*Profit from the Sun!*

# ESõBAN De Luxe
## CREAM OF CALAMINE




**Be prepared now**

Summer will soon be here and with it an even greater demand for Esoban De Luxe Cream of Calamine — ideal for irritant skin conditions, sunburn, chafing, eczema, etc.

***ORDER NOW for***
**SPECIAL SEASONAL TERMS**
33⅓% discount + bonus 13 to the dozen (3 doz. orders either size).

**PLUS**
5% on £5 and 10% on £10 direct orders offered in return for 14-day counter and window display.

* *Attractive show material on request*

LARGE SIZE 2/11d. *(inc. tax)*
HANDY PACK 1/6d. *(inc. tax)*

**SOUTHON LABORATORIES LTD**
88 UPPER RICHMOND ROAD, LONDON, S.W.15

Baby take a bow!

REGISTERED TRADE MARK
**HYPAK**
BRAND

# Nursery Bags.

**CREATE RECORD SALES FOR CHEMISTS**

Hypak Nursery Bags keep Baby's feeding utensils, clothes, toys and bed linen completely protected from all germs, dust dirt and dampness. They're ideal too for carrying soiled nappies and clothes when travelling or visiting. Mothers have been quick to realise the advantages of this new line which is making up record sales in Chemists everywhere. Retail price is 4/9 per pack.

To HYPAK Division of
**The OPPENHEIMER CASING Co. (U.K.) Ltd.,** 159-165 Harrow Rd., London, W.2
(insert Retailer or Wholesaler)
As a ..... I am interested in HYPAK Nursery Bags
Name .....
Address ..... (C & D 1/5/54)

Scottish Sales Depôt: Thornybank, Fountainbridge, Edinburgh, 3
*Telephone : Fountainbridge 1403*

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*From the Carnegie Range of Fine Chemicals*

ADRENALINE B.P.

CARNEGIES OF WELWYN LTD

Telegrams: 'CARNEGIES, WELWYN GARDEN CITY'

Telephone: WELWYN GARDEN 5001

(6 lines)

## Where untilled soil tells of malaria

While world population mounts, food production lags behind. Yet crops could be abundantly increased in many areas if malaria were effectively controlled. Encouraging reports on 'Daraprim' suggest that this new drug can play a major part in eradicating the disease. Highly potent, tasteless, virtually non-toxic, 'Daraprim' has proved an excellent suppressant in a weekly dosage of 25 mgm. It is issued as compressed products of 25 mgm., in packs of 6, 30 and 1000.

# 'DARAPRIM' BRAND

PYRIMETHAMINE

Issued in France and the French Empire as 'Malocide' brand Pyrimethamine

**BURROUGHS WELLCOME & CO.** (The Wellcome Foundation Ltd.) **LONDON**

*Associated Houses:* NEW YORK · MONTREAL · SYDNEY · CAPE TOWN · BOMBAY · BUENOS AIRES · CAIRO · DUBLIN

# A packet a day

**brings you these**

# EXTRA DISCOUNTS

*You can make bigger profits on*

SILCOT Cotton Wool Towels and *Vensilla* Pure Cellulose Towels

*under the Silcot Discount Plan*

**2½ per cent extra profit** is what you can make under the Silcot Discount Plan if you sell only twelve dozen packets in six months — that is, a packet a day.

**3¾ per cent extra profit** is what you can make if you sell twenty-four dozen packets or more in six months—that is, two packets a day.

*And there are no obligations!*

You can get these bigger profits on two regularly-wanted lines: Silcot for the woman who wants extra comfort (it is made from fine cotton wool with knitted covers and stitched loops); Vensilla (with rounded ends, woven gauze covers and securely-tied loops) for the woman who wants a cellulose towel for easy disposal.

ABOUT 7500 IN THE PLAN. So popular are these extra discounts with stockists, that about 7500 firms have entered their names for the Silcot Discount Plan. Why not enter your name, too, and get the benefit of these useful additional profits? Note these recent comments from stockists on receipt of their credit notes:

*"This is a very acceptable present, and very generous."* —*Perth, 24th March*

*"I have deducted my discount rebate from this month's account. It is a real help and a very great encouragement to sell Silcot whenever possible."* —*Cleethorpes, 4th April*

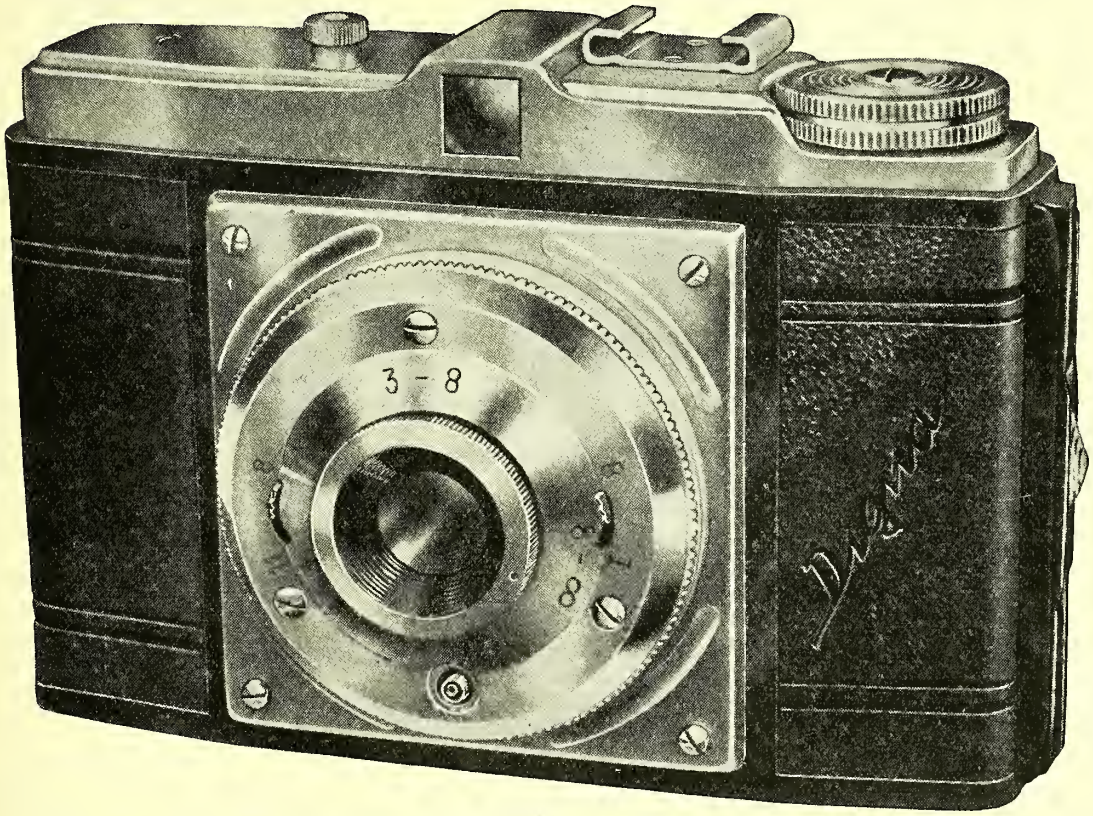
*"I am enclosing with statement credit note, for which I thank you. It is certainly a very generous offer."* —*West Hartlepool, 9th April*

**MACDONALD & SON LTD · HOPE MILLS · POLLARD STREET · MANCHESTER 4**

# The AMPLION

# DACORA DIGNA "MINOR"

## The new low price camera with all the latest features




No keen young amateur need be without a reliable, easy-to-operate, modern camera now that the DACORA DIGNA "MINOR" is available at such a low price. Ask your dealer to show you this latest AMPLION success.

**HERE ARE THE TECHNICAL FEATURES:**

Synchronised Shutter (Speeds B or I)
BODY SHUTTER RELEASE
Apertures f8 or f11.
7.7f coated lens.
Takes 12 exposures 2¼" x 2¼" with either "120" or "620" film.
ADJUSTABLE FOCUS.
COMPLETELY REMOVABLE BACK COVER FOR EASY LOADING.
BUILT-IN VIEWFINDER & ACCESSORY SHOE.

*AND THE NEW SELF-ERECTING LENS HEAD*

PRICE INC. PURCHASE TAX

**£4.10.0**

E.R. Carrying case £1.10.0 extra

**AMPLION (1932) LTD · 230 Tottenham Court Rd · London · W1**

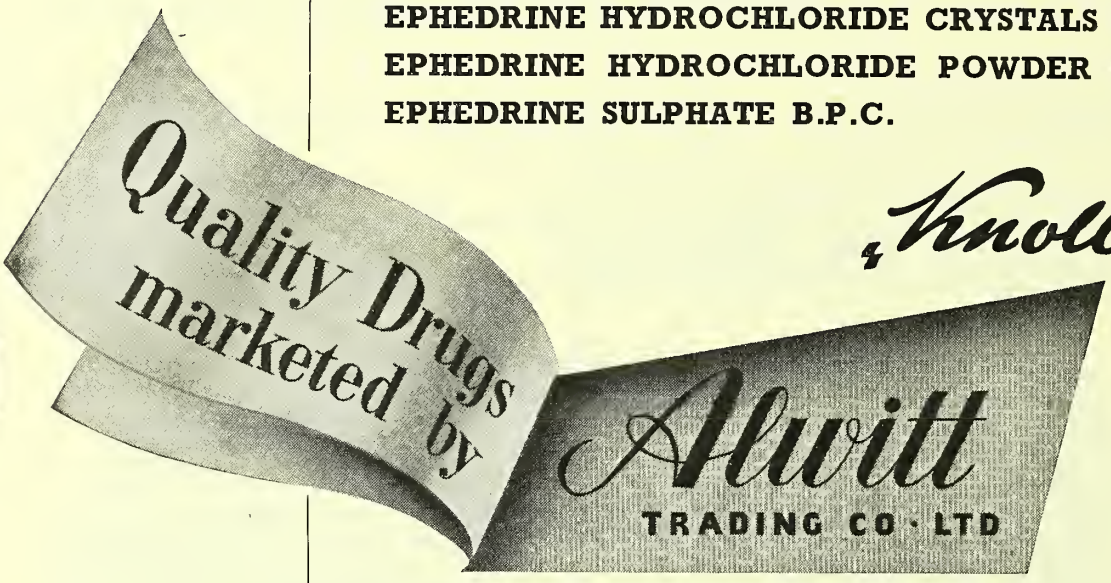
TELEPHONE: LANgham 6738

A3

B

# Ephedrine Alkaloid B.P.

EPHEDRINE ALKALOID ANHYDROUS B.P.C.
EPHEDRINE HYDROCHLORIDE CRYSTALS B.P.
EPHEDRINE HYDROCHLORIDE POWDER B.P.
EPHEDRINE SULPHATE B.P.C.




1 BROAD STREET PLACE, LONDON, E.C.2
Telephone: London Wall 7966 (5 lines)
Telegrams: Wosmater Ave London
Cables: Wosmater, London

# ISOVAC

The name for the best and *the best value* in
**VACUUM FLASKS**

Model 551 4/11 (16. fl. ozs.) Model 552 7/- (24 fl. ozs.)
Model 553 10/- 8/6 (30½ fl. ozs.)
FROM YOUR WHOLESALER · IN CASE OF DIFFICULTY WRITE TO
L. REES & CO. LTD. (ISOVAC DIVISION) 31/35 WILSON ST., LONDON, E.C.2 (MON 2651)

"Sweetheart" "Drinkrite"
**DRINKING STRAWS**
special **SMALL PACKS** of 25, 50 and 100 straws.
Order now and **INSIST** on these brands for **QUALITY.**
HYGIENIC DRINKING STRAWS CO. LTD.,
LARKHALL, Lanarkshire

**W. R. CUNNINGHAM LIMITED**
(Successors to THE LONDON CAPSULE Co. 1950 LTD.)
*"Adaptosol"*
*Bottle Capping Solution (Cold Dip)*
PROGRESS FACTORY, GREENFORD RD., SUTTON, SURREY

## *A FREE WINDOW DISPLAY TO HELP YOU SELL MORE*

**AURORAL**
**COLD WATER DYES**
In 30 popular shades. Counter Display Cabinet supplied with one gross on request.

**48/- gross: Retail 6d. pkt. (P.A.T.A.) Less 5% for cash in 7 days**

These dyes carry a bigger profit margin than others and now, to help you sell more, we offer, free of charge, a Special Window Display dressed by specialists. This, with our extensive advertising in women's magazines, can mean record sales for you this Season. Write at once to:

**LUTON**
**STRAW-HAT DYES**
Standard range of twelve colours. Dull or glossy series; supplied complete with brushes for applying the dye.

**Large size 18/- per doz. Retail (P.A.T.A.) 2/- per bottle**
**Small size 13/6 „ „ „ „ 1/6 „ „**
**Less 5% for cash in 7 days**

**WHITAKER & CO. (KENDAL) LTD.**
**DYE AND CHEMICAL MANUFACTURERS — KENDAL**

# To bring sales that will linger *in your memory*

## 32,320,844 advertisements in Delavelle's big new Advertising Campaign

Here's one of the Blue Orchid advertisements that means bigger turnover for you. Leading national newspapers and women's magazines will say "Blue Orchid" 32,320,844 times in 16 weeks. Delavelle perfume luxuries are going to be specially popular with your customers this year—and extra profitable for you!

**Delavelle advertising will appear in these big circulation publications**

| | |
|---|---|
| DAILY MIRROR | LUCKY STAR |
| WOMAN | SILVER STAR |
| WOMAN'S OWN | WOMAN & BEAUTY |
| GOOD TASTE | TRUE STORY |
| MODERN WOMAN | TRUE ROMANCES |
| PHOTOPLAY | PICTUREGOER |
| GLAMOUR | TRUE CONFESSIONS |
| WOMAN'S ILLUSTRATED | |

# Delavelle

## Blue Orchid PERFUME LUXURIES

*Write for price list to:*

DELAVELLE, 38-46 ORSMAN ROAD, LONDON, N.1

NORTHERN IRELAND. *Sole stockists & distributors:* BRITTAIN LABORATORIES LTD · LAGANVIEW STREET · BELFAST

What more appropriate to an immaculate display than the glossy whiteness of Kennett Price Markers. They are modern, beautifully designed, washable and permanent. Each set contains an unlimited number of price combinations. The numerals are solid white plastic, ½" high, and clip into a black plastic base. They are almost indestructible and fully guaranteed.

**USABLE OVER AND OVER AGAIN!**

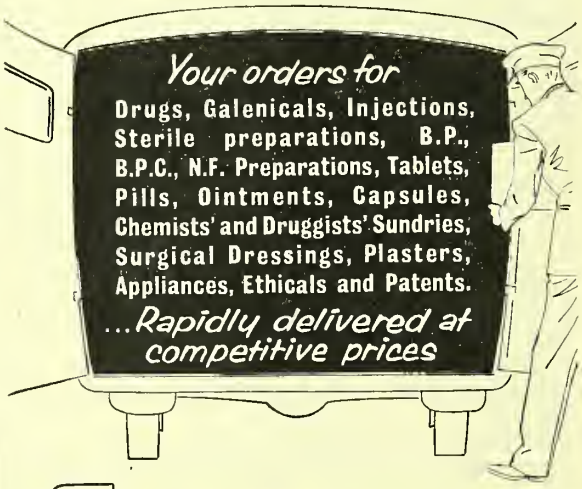
*Stylish*

**Sets from 44/-, WITH ALPHABET SETS TO MATCH.**

**KENNETT PRICE MARKERS**

**Send for FREE SAMPLE!**

**55 Eastgate Street, Winchester, Hants.**



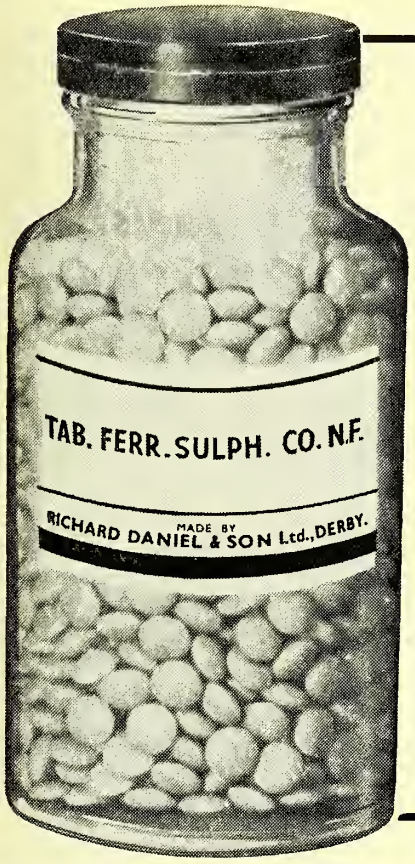

**daily delivery**

IN THE GREATER LONDON AREA

*A comprehensive service for the Pharmacist*

# BIOREX

BIOREX LABORATORIES LIMITED
Wholesale and Manufacturing Chemists
47-51 EXMOUTH STREET, ROSEBERY AVENUE, LONDON, E.C.1
*Telephones: TERminus 9494, 5216-7*




# TABLETS of QUALITY

## *Manufactured by modern machinery under skilled supervision*

*Quotations for large or small quantities*

**RICHARD DANIEL & SON LTD**

MANUFACTURING CHEMISTS

MANSFIELD ROAD **DERBY** TEL. 48266 (4 lines)

AND AT GROSVENOR STREET, ASHTON-U-LYNE. TEL. 2816 (3 lines)

---

# FLYPAK

## *kills flies cleanly!*

**YOUR CUSTOMERS WILL HANG UP A FLYPAK now impregnated with FOUR most powerful insecticides:—D.D.T., Gamma B.H.C., Pyrethrins, Paradichlorbenzene, PLUS D.C.M.X. to attack the germs and bacteria carried by the flies. Flypak is attractively packed, pharmaceutically elegant, easy to hang up, and has a pleasant smell. It comes in display outers containing 3 doz. Anticipate the big summer demand by placing your order NOW!!**

*4/- per doz. (minimum order 3 doz.)*

**SPECIAL BONUS OFFER**

*An order for 1 gross or more received by 31st MAY, 1954 brings you an EXTRA 5% DISCOUNT*

*Sole Distributors:* **DALMAS LTD., Junior Street, LEICESTER. Tel. 65261.**
**Also 140/142 St. John's Street, London, E.C.1. Tel. Clerkenwell 3399**

# "RELIANCE" NATURAL SPONGES

## REQUESTED EVERYWHERE —naturally

MORE AND MORE PEOPLE ARE REALISING THAT NO SUBSTITUTE CAN EQUAL THE QUALITIES OF A *NATURAL* DEEP SEA SPONGE.

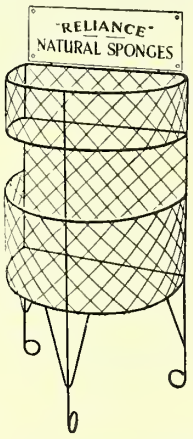
Natural deep sea sponges are softer, kinder to the skin, hygienic and hold three times more water than any substitute. More and more of your customers are realising this every day. That is why to display natural sponges is to SELL THEM!

Cresswell's have been in the Sponge Trade for more than 150 years, and as the largest bulk buyers of Natural Sea Sponges Cresswell's get THE BEST WHEN THE SPONGE CROP IS FISHED.

Please write for price lists and details—or for our Representative to call.

**FREE TO STOCKISTS**

This attractive special Display Basket, 3 feet high, is made of strong metal mesh and finished in high gloss Royal Blue.




## CRESSWELL BROS. SPONGES

(*World Natural Sponge Suppliers Ltd.*)

**LARGEST PROCESSORS AND STOCKISTS OF NATURAL SEA SPONGES IN THE WORLD**

International Building, Buck Street, Camden Town, London, N.W.1

Phone: GULliver 5462/3. Telegrams: Sponge, Norwest, London



HOME TRADE JKL EXPORT

# BALSAM TOLU

*(Gen. imported)*

# GUM BENZOIN

*(All grades)*

# CAMPHOR

*(All grades)*

**and all other Botanicals, Gums, Waxes, Essential Oils and Spices**

## JOHN KELLYS (LONDON) LTD.

**24 OLD BROAD STREET, E.C.2**

*Telephone: LONdon Wall 4882, 6585 (3 lines)*
*Telegrams: "Ergotine, Stock, London"*

**NEW YORK · HAMBURG**



Φ8

# Sell only genuine

# Lastonet

ELASTIC NET STOCKINGS

*Real* Lastonet stockings are always made to measure to ensure a perfect fit. Customers also prefer the feather-weight net which is cool, and stretches in all directions for firm even support. Lastonet discounts, too, are particularly generous! Send today for supply of measurement forms and display material to participate in this brisk trade.

*** Guaranteed for 6 months**
*** Supplied with ordinary National Health prescription**

LASTONET PRODUCTS LIMITED, CARN BREA, REDRUTH, CORNWALL

*Always made to measure*

# *Fine Combs & fancy goods by* ***Barnet***

In addition to being the world's largest range of combs, Barnet combs and fancy goods are supplied in attractive display and dispenser packs for quick sales. Made of quality plastics in consumer tested colours, Barnet products are priced right to suit every purse. Ask your usual wholesaler for details of the 1954 ranges, including many new profit making ideas.

*You are cordially invited to visit our Stand No. M.38 at the B.I.F., Olympia, May 3—14.*

- COMBS AND CASES
- SUNGLASSES
- PLASTIC WALLETS, ETC.
- VANITY SETS, ETC.
- PENS & ARTISTS' BRUSHES
- *NOW—NYLON COMBS IN WONDERFUL NEW COLOURS*

BIF
3-14 May
EARLS COURT & OLYMPIA LONDON
SEE OUR EXHIBIT

*Manufactured solely by:*

**E. R. HOLLOWAY LTD.,**

WELWYN GARDEN CITY, HERTS., ENGLAND. Telephone : WELWYN GARDEN 4444

B.I.F. OLYMPIA—MAY 3-14

# P.B.Cow & Company Ltd

## STAND 04

## Sports Section

EMPIRE HALL

We welcome our friends to the B.I.F.
This year, as you will see, we have moved from the Chemists Supply Section to the Sports Section. Do come and see our wide range of

Baby Pants
Toilet Sponges
All-rubber Sheeting
Hot-Water Bottles
including the 'Airflow'
and other chemists supplies

P. B. COW & COMPANY LTD · 12 HAY HILL · BERKELEY SQUARE · LONDON W.1

ESTABLISHED 1866

# KIRBY

LONDON

*for*

# PILLS
# TABLETS
# CAPSULES

**PESSARIES · SUPPOSITORIES · SOLUTION TABLETS**
**PENICILLIN PRODUCTS · OINTMENTS FOR THE EYE**
**SOFT GLYCERIN LOZENGES · PACKED PHARMACEUTICALS**
**STERILE PRODUCTS**

Own materials processed · Special Formulæ prepared
Home and Export enquiries invited

*Price List forwarded on application to :-*

## H. & T. KIRBY & Co. Ltd.

**Manufacturing Chemists, WILLESDEN GREEN, LONDON, N.W.2**

Phone: Willesden 1146 Telegrams: Kirbilim, Norphone, London Code: Bentleys (2nd)

C

# The word 'Mercolized

DEARBORN ADVERTISES IN 'VOGUE'... launching a colourful Merchandising campaign this June to sell the whole range of Mercolized preparations. And the new theme is "The Mercolized look is *this season's* look".

DEARBORN MERCHANDISES THROUGH 'VOGUE'. . . think backwards or forwards, whenever there's a merchandising campaign in *Vogue*, there's success: there's gilt-edged profit for the retailer, for you.

DEARBORN ADVERTISES IN WHOLE PAGES . . . never before has *any* cosmetic house advertised in *Vogue* quite like this. In June three whole pages—two in full-colour. With superb photography by John French. Our representatives will gladly show you advance proofs. The public will see this advertisement for the first time on *May 28th*.

DEARBORN ADVERTISES TO A MILLION . . . up to 1,200,000 readers of *Vogue* are going to discover in May and June that Dearborn make *their* nightcream, *their* foundation cream, *their* face powder, skin cleanser, beauty-soap, lipstick! So have stock to satisfy them. It's easy to stock—and profitable to sell—all the Mercolized range.

# as old and as new as 'Vogue'.

**Dearborn** *sets the advertising . . . to work for you*

The following free display material will, on request, be despatched to you by return.

* For your windows and counters—a most attractive "mirror-and-stand" enables you to reproduce one of the *Vogue* colour pages (the one which shows the preparations) in still life in your windows: and draw customers in. It takes little space. (The base measures 1′ by 8½″ and the overall height is 14″). The stand takes all the range.

* Beautiful full-colour mounted reprints of the *Vogue* advertisements ("As Seen in *Vogue*"). To remind the customer of what she's seen and noticed in *Vogue:* to complete the sale in your shop. Display these showcards to time with the advertising

* 12-page booklets "This Way to Loveliness" for your counter. (This way to more sales!).

* 4-page leaflets announcing the newest Dearborn lines—Mercolized Skin Soap, Mercolized Skin Cleanser, Dearborn Lipstick. (Also Colliandum—a most unusual rouge—and Stallax Pure Soap Shampoo in packet form. Two new lines which will sell well).

* Also *free mats* for your own "tie-in" advertising in your local newspaper. You have no production costs. The easiest, most economical way to advertise—and it pays! Sizes: 6″ double column and 2″ double column. Send for sample proofs.

* *Order good stocks now to meet the Demand-Day May 28th when Vogue comes out!*

**the colour advertising in June 'Vogue' by Dearborn**

1923) LTD., 36-38 KINGSWAY, LONDON, W.C.2. SALES DISTRIBUTORS: POTTER & MOORE LTD., LAVENDER HOUSE, SEYMOUR ROAD, LONDON, E.10.

# So well known*

# and so-well sold!

*1 doz. tins of Potter's Asthma Remedy are displayed in this coloured container Retail 2/11 a tin Trade 22/- a doz. (Plus Purchase Tax, 5/6 a doz.)*

The renowned method of relieving attacks of Asthma, Hay Fever, Whooping Cough or Bronchitis. Every tin gives simple directions and contains special Dispenser.

***Orders through Wholesalers only, please!***

* **Regular National-scale Advertising continues to support this Potter's line**

**POTTER & CLARKE**
LIMITED
**BARKING · ESSEX**
Telephone: RIPpleway 3041

# 3/3d missing from the till! - and 8d of it PROFIT!!!

No, not stolen, just **not taken** because you had no stock of **Ribena.** Worse than that, you disappointed a customer. Competition is too keen to do this! There's no sense in **asking** your customers to go to your competitors. What's more they may stay there if they can get ***WHAT THEY WANT— WHEN THEY WANT IT*** If **Ribena** is not on your shelves ask your Wholesaler **now**—He's got it, **and can supply you immediately.**

ASK

**CARTERS OF COLEFORD** (*Glos.*)

***today*** *for their sales aids that* ***sell***

*and put this* ***Ribena*** *profit into* ***your till.***

D

Maw's

# ARTHIGON

A remarkable new
DEEP-PENETRATION CREAM
for the positive and sustained relief of

**RHEUMATISM · FIBROSITIS**
**NEURITIS · LUMBAGO · SCIATICA**

or similar complaints

## On sale to the public
## MAY 31st

We are confident that in ARTHIGON we have a product of exceptional merit in its field. Five years of laboratory research and clinical tests have preceded its marketing.

Such is our belief in ARTHIGON—available, as with all Maw's products "From Chemists only"—that we extend to all our friends in the Trade the following offer. We will gladly supply a counter display outer containing six jars of ARTHIGON on a sale-or-return basis (not charged before August 31st earliest). This carries a 50% nett profit of 21/-.

ARTHIGON will be launched on May 31st by the largest national advertising campaign in Maw's history. Leading newspapers and periodicals will ensure a readership of many millions weekly for the ARTHIGON story—and ARTHIGON sales.

● **Take your share of this big new business. If you have not had your 6-jar parcel, please send for it today—and thus MAKE YOUR PROFIT FIRST!**

Retail price 12/3

*S Maw Son and Sons Limited Barnet England*

CONSISTENT advertising, backing a product approved by the Medical and Nursing professions, and needed by Mothers everywhere, has made FEEDRITE a top seller wherever feeding bottles and teats are sold.

*Write today for attractive show material and Explanatory Leaflets.*

*Prices are as follows:*

| | Price to the *PUBLIC* | Price to the *TRADE* |
|---|---|---|
| Complete FEEDRITE BABY FEEDER OUTFIT | 5/9d. | 51/9d. doz. |
| FEEDRITE SPARE BOTTLES | 1/3d. each | 11/3d. doz. |
| FEEDRITE SPARE THERMAL HEAT RETAINING PAD SETS | 1/3d. per set | 11/3d. per doz. sets |
| FEEDRITE ANTI-COLIC TEATS *Cherry or Straight* | 7½d. each | 67/6d. per gross |
| FEEDRITE RUBBER BOTTLE STOPPERS | 7½d. each | 67/6d. per gross |
| FEEDRITE FOOD AND BATH THERMOMETERS | 6/6d. each | 54/- per doz. |

**FEEDRITE** LTD. *Tel: LIBerty 3443*

**300 Kingston Road, Merton Park, London, S.W.20**



# A REALLY CONVENIENT PACK 1/6

PER SCREW LID TIN

**NO MORE PRISING OFF LIDS WITH A THREEPENNY BIT OR FINGER NAILS!**

Jelly Hand Cleansers are rapidly coming into regular use—sell the best and most attractively packed of all

**EVERYONE NEEDS SWARFEGA**

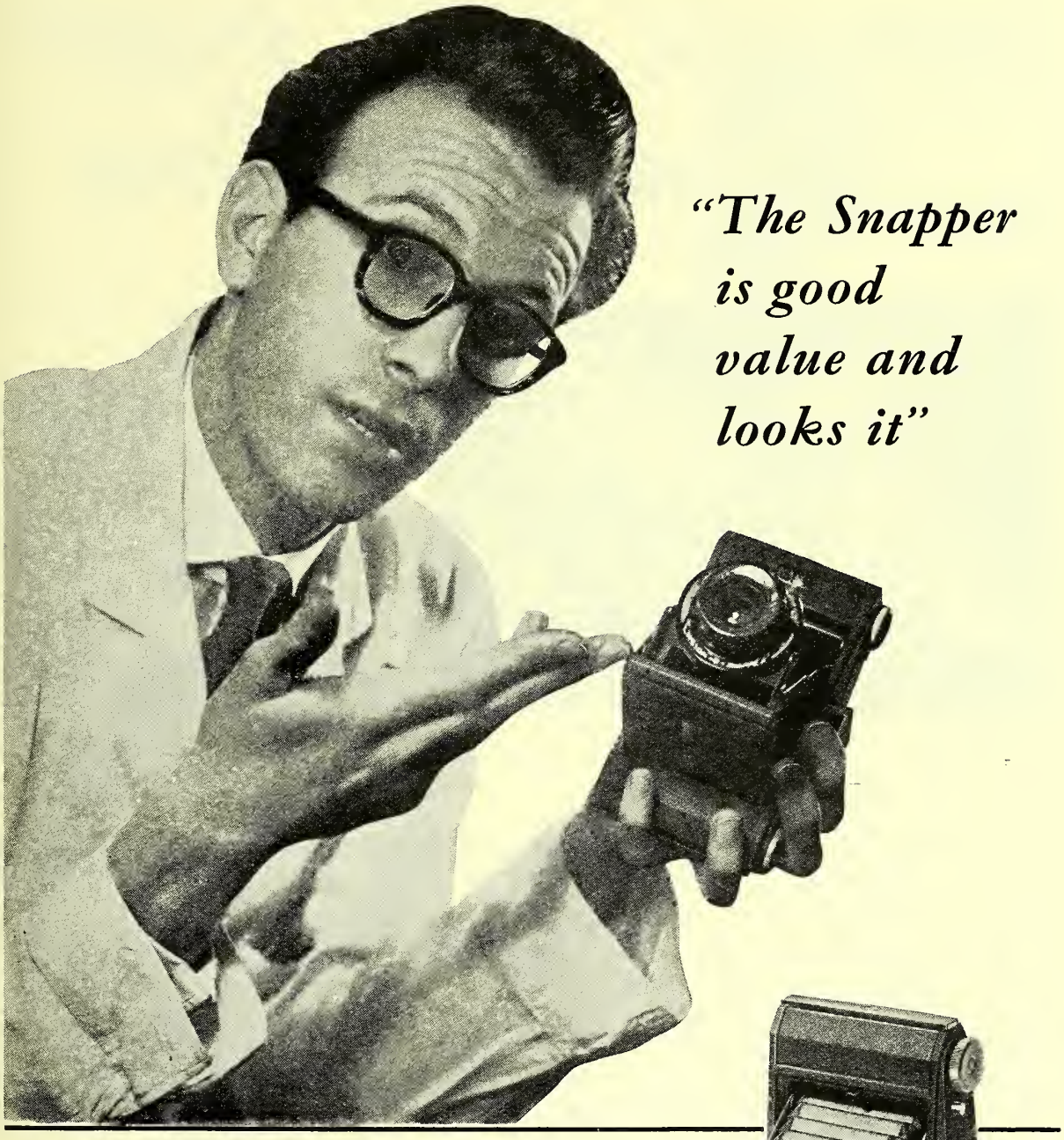
The finest jelly hand cleanser on the market

***ORDER NOW*** *and be sure to ask for the* ***NEW PACK***

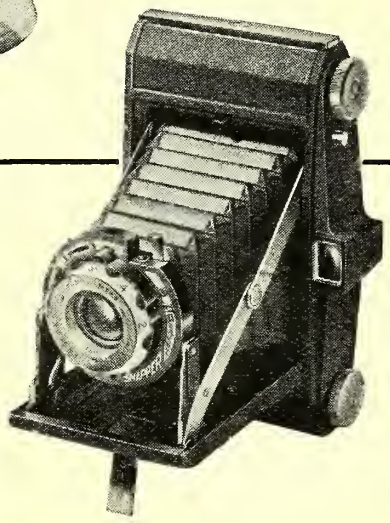
*Enquiries through usual trade channels or direct to—*

**DEB CHEMICAL PROPRIETARIES LTD.**

**SPENCER ROAD, BELPER, DERBYS. Tel.: 278**




The specification is something you take for granted in any Ross Ensign product. But the Snapper is a model you will find sells on its looks as well as its performance. What other camera offers such attractive styling and finish to the customer spending £5 : 10 : 8d.? The Snapper is good value and looks it. You will find that it is as easy to sell and as popular in its class as the famous Ful-Vue.

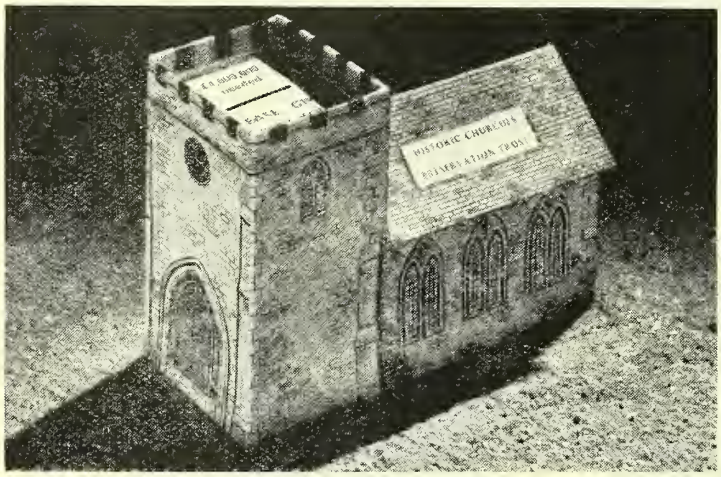


ROSS ENSIGN **SNAPPER** *£5 · 10 · 8 inc. tax*

ROSS ENSIGN LIMITED · WALTHAMSTOW · LONDON E.17.

*Collecting box for Historic Churches Preservation Trust.*

# Does the penny drop?

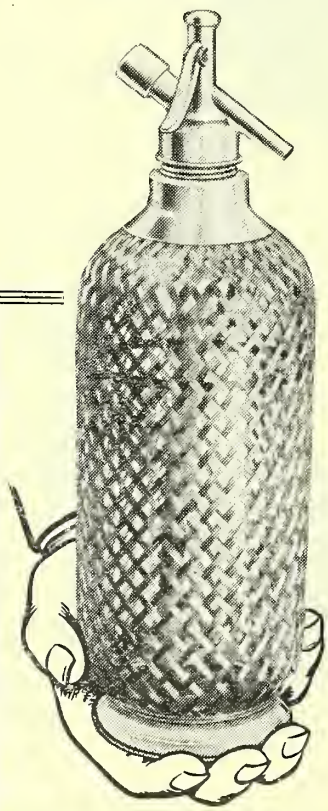



For ordinary boxes . . . for *extra-ordinary* boxes . . from cartons by the million to the replica of a church . . . you cannot do better than rely on the skill and experience of THE PACKAGING SPECIALISTS

J.S & W

**JOHNS, SON & WATTS LIMITED**
**2-4 EPWORTH STREET, LONDON, E.C.2**
**MONarch 7408**

Panton



# A best seller comes back!

# SPARKLETS

## Glass Syphon

Here's profitable news! Back at last after long years in the wilderness of "export only" is the pre-war favourite and best-seller, the familiar wire-covered Standard Syphon.
Our mail tells us that there's a big demand waiting to be filled, and at 45/- the price is right. And remember—these are customers who will come back to you again and again with repeat orders for Sparklets Bulbs.
Order now and build up a good display of Sparklets Syphons—Standard *and* Streamline. Remember, each sale means regular follow-up profits for you.

SPARKLETS LTD. QUEEN STREET, TOTTENHAM, N.17

**SPARKLETS**
*Refillable* **SYPHONS**

# "You're on to something good with Tru-gel!"

**THAT is what several chemists have said to us already about this new crystal-clear men's hair dressing. We think so, too; that is why we are advertising *Tru-gel* so boldly and so extensively. And why we shall continue to do so.**

The chemist who gets a good slice of the *Tru-gel* business is also on a good thing. There is only one size to stock, the selling price is 2/9, and there are very generous trade discounts.

*Give* Tru-gel *a good display and get this good business.*

# Tru-gel

CRYSTAL-CLEAR HAIR DRESSING

*Manufactured by* E. GRIFFITHS HUGHES LTD., MANCHESTER

E

# Three Good Selling Lines

*Attractively packed in 3 oz. Ovals*

**'ASTRINGEX' WITCHAZEL LOTION**

For Sun-burn, Eye Lotions, etc.
Price **10/3** doz. plus 25% P. Tax

**'CALOLAC' SUNBURN LOTION**

A soothing antiseptic application for sore and inflamed skin
Price **9/-** doz. plus 25% P. Tax

**'PROTECTOL' SUN-TAN OIL**

Induces natural tan
Price **9/6** doz. plus 75% P. Tax

ROBERT Blackie LIMITED

**POMEROY STREET, LONDON, S.E.14**

*Phone: NEW CROSS 1122/3/4*



# Permanent utility!

There is *always* a use for the DOIDY Cup—for

**INFANTS**

**AND**

**INVALIDS**

The DOIDY Cup is popular because it not only functions as the "best ever" cup for baby up to THREE YEARS OLD but it becomes a permanent household need in times of illness. The special slant of the DOIDY solves the problem of drinking without spilling. The DOIDY is consistently advertised—good sales—good profits. In strong plastic in pastel pink, blue and cream. Also earthenware. Complete in attractive carton. Retails at 3/11.

**DOIDY**

**A NEW SLANT ON CUPS**

*Obtainable from your wholesaler*

**A Martin Russell Ltd. product**



# NEW. from Scandinavia

## Satin Foam POWDER PUFF

Soft, glamorous, foamy rubber puffs which hold and apply powder with a silken satiny smoothness as no other puff can. Washable—and easily sterilised with steam.

*Sole Distributors for United Kingdom:*

**Alfred Franks & Bartlett Co. Ltd**
**226/8 Grays Inn Rd., London, W.C.1**

Supplied in attractive counter display packs for quick selling.

In two sizes to fit standard compacts.

Retail
1/3 and 1/6

# NEW..

*for the eradication of Pseudomonas Infection in Otitis*

**'AEROSPORIN'** brand Otic Solution, which is now available, is a specially formulated preparation of 'Aerosporin' brand Polymyxin B Sulphate, an antibiotic highly and rapidly bactericidal to many gram-negative organisms and pre-eminent against *Pseudomonas pyocyanea.*

'Aerosporin' Otic Solution is therefore of specific value in otitis externa and chronic otitis media due to *Ps. pyocyanea (Ps. aeruginosa).* The occurrence of this organism has become more apparent since the introduction of penicillin therapy, which has little or no effect on the gram-negative organisms or the fungi present in otitis. There is evidence that the fungi also are susceptible to 'Aerosporin'. Bacterial resistance to 'Aerosporin' has not been reported.

'Aerosporin' Otic Solution is markedly hygroscopic and has a low surface tension, giving optimal conditions for an adequate concentration of the antibiotic at the site of infection. It is issued in bottles of 10 c.c. with dropper at 9/6, subject to usual discount. Each c.c. contains 10,000 units of polymyxin B sulphate.

# 'Aerosporin' BRAND

# Otic Solution

**BURROUGHS WELLCOME & CO.** *(The Wellcome Foundation Ltd.)* **LONDON**

*The bland cleansing action of*

**'ETHISAN'** on the skin and on the scalp makes it of great value wherever skin lesions are present and soap is inappropriate. 'Ethisan' is neutral, pleasant and easy to use, and odourless. It is most effective in removing scurf, when it can be used in the same way as a shampoo.

TRADE MARK

Sodium lauryl sulphate B.P. (6·56 per cent.), 'Lanette' Wax SX (0·938 per cent.) in aqueous solution/suspension

***In 4-oz. bottles, Retail price 3/- (including P.T.); 8-oz. bottles, Trade price 38/6 dozen (P.T. 9/7½ dozen); 80-oz. bottles, Trade price 22/6 each (P.T. 5/7½ each).***

**MENLEY & JAMES, LIMITED,** COLDHARBOUR LANE, LONDON, S.E.5

ENT54

# E. Illingworth & Co (BRADFORD) Ltd

Shelf Mills, Shelf, nr. Halifax, Yorkshire

*Tel: Low Moor 400 (4 lines)* *Grams: "Illmond," Bradford*

## COTTON WOOLS

B.P.C. Quality Cotton Wools
Hospital Quality Cotton Wool
(Drug Tariff.)
Sterilised and Unsterilised,
in all weights, for home and export.
Quantities labelled with your own labels.

Cotton Wool Dispenser
(Pleated Filling, Attractive Carton)

BOTTLE NECK WOOL
FILTER PADS
WOOL & COTTON TISSUE
B.P.C. Quality
RESPIRATOR REFILLS
KNITTED BANDAGES

## PACKING MATERIALS

**NEEDLELOOM FELTS**

For thermal, sound and vibration insulation and protection.

**COTTON WOOLS**

Bleached and Unbleached Rolls from 2 in. to 40 in. wide, weights 3 oz. per sq. yd. upwards.



# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland*

Volume 161 May 1, 1954 No. 3871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ANNUAL SUBSCRIPTION, which includes The Chemist and Druggist Diary and Year Book, £2. Single copies one shilling each.

*NEW ORAL ANTIHYPERTENSIVE*

# SERPASIL

**containing Reserpine, a pure crystalline alkaloid, isolated in the CIBA Research Laboratories from Rauwolfia serpentina.**

**GRADUAL AND SUSTAINED REDUCTION OF BLOOD PRESSURE WITH MILD SEDATION INDUCING A FEELING OF TRANQUILLITY**

**Free from toxic side effects** **Ideal for the ambulant patient**

**PACKAGES :** Tablets of 0.1 mg. in bottles of 25 (3/6) 100 (12/-) 500 (57/6).
Tablets of 0.25 mg. in bottles of 25 (7/9) 100 (29/-) 500 (142/-).
Subject to usual discounts. Exempt from Purchase Tax.

*'Serpasil' is a registered trade mark Reg. user*

**CIBA LABORATORIES LIMITED · HORSHAM · SUSSEX**

2/4

# A steady-selling soap for ninety years!

STOCK DISPLAY RECOMMEND

Ninety years ago Wright's Coal Tar Soap was the choice of the discriminating shopper—*and it is just as highly esteemed today!*

There's *never* been a soap like Wright's—*and we never let your customers forget it!*

This year, in our big new advertising campaign, over 120,000,000 announcements will appear in the leading National Newspapers, Illustrated Weeklies and Women's Magazines. And new colourful display material is available for your window or counter.

You'll be wise to anticipate a bigger-than-ever demand for Wright's by getting in stocks NOW!

*Awarded for 50 years the Certificate of Merit of the Royal Institute of Public Health and Hygiene*

**WRIGHT'S**
**COAL TAR SOAP**
Ideal for
Toilet, Bath and Nursery

*WRIGHT LAYMAN & UMNEY LTD., 42-50 SOUTHWARK STREET, LONDON, S.E.1*

The CHEMIST AND DRUGGIST

Volume 161 MAY 1, 1954 No. 3871

# Incomplete Prescriptions

## RETURN-TO-DOCTOR SCHEME CRITICISED

OBJECTIONS to the scheme for the endorsement of incomplete Schedule IV and other prescriptions (see *C. & D.*, April 3, p. 333) were raised at a meeting of the London Pharmaceutical Committee on April 13.

THE SECRETARY (Mr. W. F. Wilkinson) said that there was bound to be, in certain areas, especially the City and West end, difficulty for the chemist in getting in touch with the prescriber. Many prescriptions that were dispensed in London were prescribed outside London. The contractor would be faced with the task of mailing prescriptions back to the prescribers with a covering letter and stamped addressed envelope. He foresaw that many such prescriptions would never be returned by the prescriber and he suggested that the Committee, in consultation with the Executive Council and the Pricing Bureau, might be able to devise a scheme to deal with the problem. On the checking of prescriptions the Committee took the view that checking should recommence with prescriptions dispensed in July 1953; to forgo any check on the six months January-June 1953 would help in obtaining more up-to-date results. The secretary was instructed to inform the Central N.H.S. (Chemist Contractors) Committee that the London Pharmaceutical Committee would be satisfied only with full pricing.

## CHEMISTS FEDERATION

### Meeting of council

A MEETING of the Chemists Federation council was held in London recently, the president (Mr. C. H. Jones) in the chair. Meetings of committees were held the previous day. The president welcomed Mr. W. Spence Culbert (new representative of the Scottish Pharmaceutical Federation to the council). The council approved the following additions to the C.F. List:—*Burroughs Wellcome & Co.* (Aerosporin otic solution, Actidil elixir); *Evans Medical Supplies, Ltd.* (Fitoban, Handguard barrier creams, dry and wet); *John Richardson & Co. Leicester, Ltd.* (Skrip); *United Chemists' Association, Ltd.* (Mal-junior travel tablets); *A. Wander, Ltd.* (Vagisol suppositories); *Wilson's Chemical Products* (Delay tablets). The following additions were made to the C.F. code of standards:—

1, CARBUNCLES. Class B products may not be recommended for the treatment or cure of carbuncles.

2, WHOOPING COUGH. The only reference to whooping cough in connection with Class B products is wording similar to "For the alleviation of cough associated with whooping cough." C.F. manufacturers are asked to include a suitable warning on the labels of all such products to the effect that a doctor should be consulted in all cases of whooping cough.

It was reported that the assistant secretary had visited chemists in Barrow and Morecambe and addressed a meeting of chemists at Barrow on March 16 and that a National Pharmaceutical Union Welsh national meeting was held on March 14 at which C.F. matters formed a part of the agenda. C.F. matters were also discussed at N.P.U. branch meetings addressed by Mr. A. Aldington at Colchester and Taunton. It was reported that the outdoor representative of the Federation had continued his visits to chemists in the Manchester and East Lancashire areas.

## REGISTRAR'S REPORT

### Statistics for 1953

THE report of the registrar of the Pharmaceutical Society for 1953 issued recently shows that in the enforcement of the Pharmacy Acts it was necessary to institute proceedings in twenty-five cases: one of those was concerned with an illegal use of a title, the remainder with illegal sales. One case undertaken against an unqualified trader under the Penicillin Act, 1947, was concerned with an illegal sale, and one under the Summary Jurisdiction Act, 1848, against a pharmacist, with aiding, abetting, counselling and procuring. There had been an increase of 102 names on the register. At December 31, 1953, there were 26,367 names on the register. The number of superintendents to bodies corporate was 3,159, and of authorised sellers of poisons, 15,249 Branch shops numbered 4,078. 13,835 authorised sellers and 1,890 listed sellers were visited by the Society's inspectors during the year. 351 candidates passed the Intermediate examination, 393 the Pharmaceutical Chemist Qualifying examination, and 80 the Chemist and Druggist Qualifying examination (now discontinued). 840 apprentices or students were registered.

## EXPORT OUTLOOK

### U.K.'s share in world trade

REVIEWING United Kingdom exports for the January-March quarter (see p. 435), MR. D. HEATHCOAT AMORY (Minister of State, Board of Trade), said on April 23 that there was cause for satisfaction in that the improvement in the country's export performance at the end of 1953 was being maintained. Whilst the terms of trade were still moving in the U.K.'s favour, that was a factor which could not be expected to help much longer in bridging the gap between imports and exports. Whilst the country's exports were

**GUESTS OF THE LORD MAYOR: The committee of the Liverpool Chemists' Association photographed at Liverpool town hall before being entertained to dinner there recently by the lord mayor (Alderman W. J. Tristram, J.P., M.P.S.) and the lady mayoress (Mrs. S. E. Vyvyan).**

higher now than in 1950, Mr. Heathcoat Amory said some concern must be felt that the country's share of world trade in manufactures had fallen from 27 per cent. to 22 per cent. whilst Western Germany's share increased steadily to 14 per cent. United States exports were increased mainly to the dollar area, especially Canada, but Germany was succeeding better than the U.K. in the common ground of Western Europe. Questioned on the export incentives of various countries, Mr. Heathcoat Amory said that the President of the Board of Trade had raised the matter through O.E.E.C. but up to now the Government was not satisfied with the progress made to terminate existing schemes. France and Germany both had schemes which gave tax relief on exports and that naturally had an adverse effect on U.K. exporters.

## MEDICINES IN SHIPS

### Warning notice issued

THE Ministry of Transport has issued a notice to shipowners and masters stating that in all ships not required to carry a medical practitioner, medicines, dressings, etc., referred to in the Merchant Shipping Medical Scales, 1953, should be used only in accordance with the advice and instructions given in the latest edition of the *Ship Captains' Medical Guide* and that medical stores other than instruments and appliances, not required under current scales should be withdrawn from ships.

# IRISH NEWS

### Students' Camp

THE council of the Irish Pharmaceutical Students' Association announce that the International Pharmaceutical Students' Federation 1954 camp is being held at Frankfurt, Germany, August 1-11. All Irish students are eligible for entry but members of the I.P.S.A. receive preference. Since the number of places allotted to Ireland is small, early application should be made to Miss May Cullen, 33 Leinster Square, Rathmines, Dublin. The cost of travel to and from Frankfurt is expected to be about £16, and the cost of staying in the camp for the full term approximately £11. The payment of £11 will not defray the cost of the camp stay, which is being subsidised by the German student association. Included free of charge will be visits to two pharmaceutical works and a liqueur distillery, sightseeing, a boat trip along the Rhine, a reception by the mayor of Frankfurt and tours to Spessait and Odenwald.

### Dearer Pharmaceutical Services

A SLIGHT increase in the cost of pharmaceutical services in 1954-55 has been budgeted for by the Northern Ireland Ministry of Health and Local Government. The payment to the General Health Services Board under that head will be £1,527,000 against £1,512,000 in 1953-54. For drugs, dressings, medical and surgical appliances and equipment the Hospitals Authority will be paid £455,000 compared with £555,000 in 1953-54.

### North-east Ulster Association

AT the annual meeting of the North-east Ulster Chemists' Association held in Coleraine on April 2, the following officers were appointed for the year:—*Chairman,* Mr. G. McCloy, Kilrea; *Vice-chairman,* Mr. K. A. Ramsay, Ballycastle; *Treasurer,* Mr. J. H. White, Coleraine; *Secretary,* Mr. W. F. Mansfield, Coleraine.

### Gaelic Football Success

THE College of Pharmacy Gaelic Athletic Association football team had a win over Clan na Gael team at Parnell Park, Dublin, on April 4, when they won their senior championship game by 1 goal 7 points to 1 goal 5 points.

### Pharmacist's Travel Film

AN attraction at a recent film show held in Dundalk, co. Louth, was a 35 minute travelogue, "Spanish Fiesta," made by Mr. Kevin Matthews, M.P.S.I. It was a 16-mm. film of a journey by car to Spain.

VICTORIOUS GAELIC FOOTBALLERS: The college of pharmacy, Dublin, Gaelic Athletic Association football team at Parnell Park, Dublin, after they had defeated Clan na Gael in a senior-championship game. The team won in succession four league and two championship matches. In the centre holding the ball is the captain (Mr. Seamus Quinn). Other members of the team in the group are Con Kiely, Nick Redmond, John Kerr, Billy Burke, Hubert Galfney, Frank Deady, Brendan McWey, Michael Cox, Ciaran Conefrey, Vincent Ledwith, Michael Shannon, Thomas Toner, Austin Halahan, Thomas Wickham, Patrick Gannon and Thomas Giblin.

# PHARMACEUTICAL SOCIETY

### Scottish Department Executive

THE Executive of the Pharmaceutical Society's Scottish Department met in Edinburgh on April 14. The resident secretary reported that a prescription book dated 1894-96 had been received from Mr. G. Hall of J. & D. Hilston, Lanark; and another, dated 1903-11, from Mr. S. J. Fleming, Tranent, East Lothian. The following members are due to retire in 1954 but are eligible for re-election to the Executive: J. B. Grosset, Edinburgh; J. Jolly, Kirriemuir; J. C. Lamb, Linlithgow; J. C. Michie, Nairn; W. A. Park, Aberdeen; and J. Simpson, Banchory. It was agreed that members of the Society's Council resident in Scotland should be *ex-officio* members of the General Purposes Committee. Sir Hugh Linstead is addressing a meeting of the Glasgow Branch on October 13; of the Aberdeen Branch on October 14. The Franco-British lecture tour is visiting Aberdeen, Dundee and Glasgow in May. Mr. C. G. Drummond, accompanied by the assistant resident secretary, has visited George Heriot's school, Edinburgh, and Buckhaven high school, Fife, where he has given a talk on "Pharmacy as a Career." It has been arranged for the resident secretary to be consulted on information on pharmacy as a career for issue from the Edinburgh Youth Employment Office. The chairman and resident secretary are attending the Society's annual meeting in London on May 19, and the Branch Representatives' meeting on May 20. The annual report of the Executive is being issued to members in Scotland on May 6. The meeting of scrutineers for the Executive election will be held at 7.30 p.m. on June 8. The annual meeting and Branch Representatives' meeting in Edinburgh is being held at 2.30 p.m. on June 9. At the annual meeting "The Minimum Standards for a Retail Pharmacy" will be discussed. The chairman is representing the Executive at the British Pharmaceutical Conference in Oxford. The resident secretary is attending officially. The chain for the badge of office has been obtained. It consists of links, each bearing the name of a chairman of the Executive and his period of office. Although a complaint had been received from the Glasgow Branch that the date of the evening meeting held in Edinburgh on February 10, clashed with a meeting arranged by the Glasgow Branch, it was agreed that the resident secretary must be free to arrange the dates of evening meetings to suit the convenience of lecturers and to fit in with the programme of the Scottish Department. Arrangements have been made for the exchange of books on loan when required, between the Scottish central library and the library of the Scottish Department. Catalogues have been exchanged by the libraries.

## NEWS IN BRIEF

**Works Visit.** — Twenty-five members of the Yorkshire branch of the Institute of Packaging toured the factory of T. J. Smith & Nephew, Ltd., in Hull, Yorks, on April 14.

**Almost 100 per cent.**—Out of thirty-six National Health Service test prescriptions issued in Herefordshire in the past three years only one was reported to Herefordshire Executive Council as wrongly dispensed.

**Hospital Pharmacists' Salaries.** — The Association of Scientific Workers recently submitted its proposals on hospital pharmacists' salaries to the staff side of the Pharmaceutical Whitley Council.

**Federation of British Industries.** — Sir Harry Pilkington was re-elected *President* of the Federation of British Industries at the annual meeting of the Federation held in London on April 14.

**International Advertising Convention.** —With the theme "International Advertising—Key to World Markets," a sixth international advertising convention is being held in New York, U.S.A., on May 14.

**Revised Notice.** — Notice No. 78 (goods chargeable with purchase tax), issued by the Commissioners of Customs and Excise, has been revised and copies of the new edition are being sent to traders registered for purchase tax purposes; the revised notice supersedes Notices Nos. 78 (January 1953) and 78G (January 1954).

**Claim for Increased Shop Wages.**— At the 1954 annual conference of the Union of Shop, Distributive and Allied Workers held in Brighton, April 18-20, a resolution calling for an immediate claim for a 15 per cent. wage increase throughout the distributive trades was passed by 140,547 votes to 84,708 in spite of opposition from the executive of the union.

**British Chemical Plant Manufacturers.**—At the annual meeting of the British Chemical Plant Manufacturers' Association that was held in London on April 13 the following officers were elected:—*Chairman,* Mr. W. J. Hooton; *Vice-chairmen,* Messrs. H. W. Fender, I. M. O. Hutchinson and R. F. Stewart; and *Treasurer,* Mr. P. W. Seligman.

**A.B.P.I. Officers.** — At the annual meeting of the council of the Association of British Pharmaceutical Industry held in London on April 22, the following officers were elected:—*President,* Mr. J. F. Boucher (Ferris & Co., Ltd.); *Vice-president,* Mr. C. M. Hill (The British Drug Houses, Ltd.); and *Treasurer,* Mr. H. C. H. Graves (Vitamins, Ltd.).

**Special University Lectures.** — A course of three special university lectures, entitled "Some Aspects of 17th Century Chemistry — van Helmont, Boyle and Mayow," "The Phlogiston Theory," and "Dalton's Atomic Theory" will be given in the anatomy lecture theatre, University College, Gower Street, London, W.C.1, at 5.30 p.m., on May 5, 7 and 10, respectively, admission being free without ticket.

# TOPICAL REFLECTIONS

By Xrayser

## *Drug Tests Tabulated*

Though not worthless, the Ministry of Health tables of dispensing tests abstracted on p. 417 are unsatisfactory. As their author points out, they apply to England and Wales, whereas the previous report on similar lines applies to England only. Before a comparison of permanent value is available, Scotland should be brought into the scheme; and that would involve another adjustment of focus. There is no need to examine the present tables in much detail. The modest description "some results" is applied to the survey, and "the large majority of pharmacists" are credited with "a high standard of accuracy" in "extemporaneous dispensing." Experienced dispensers can see, almost at a glance, where the present M.O.H. tables are deficient. In particular, they must wish that the gap between the facts in Table I and those in Table II was narrower. On comparing these tables, it appears that by far the greatest deviation in Table I from a prescribed quantity, that of zinc sulphate, is 4 per cent.; and that the smallest such deviation in Table II, that of sodium salicylate, is 16·4 per cent. In what percentage of samples taken do deviations between these limits occur? In order to ascertain this, it would probably be necessary to divide results of analyses into several blocks.

## *Pharmacy Fifty Years Ago*

The entertaining reminiscences by "J.R.W." (pp. 427-29) have been read by me with much interest. To many, perhaps to most of us, changes in pharmacy during the past half-century have as a rule made little impression at first. Only when an event like an unexpected alteration in the Poisons Schedule took place did we "sit up." Your contributor's experience of serving liquids through a machine resembling a beer engine must be rare, though the principle of the apparatus has no doubt been used in various trades. A return to unwrapped bottles and unsecured corks in dispensing for private patients is a retrogression that, I hope, is not becoming common. In a pharmacy where I gained experience after qualifying it was the custom for a dispenser, if he had a free evening, to hand over to a colleague any prescriptions for pills arriving during the day and containing a valerianate. Cut prices for proprietary articles were often occasioned by the proximity of the main London stores, before nearer competition from multiple stores arrived. In some areas dragon's blood was (and possibly still is) burnt by "love-sick maidens" with the object of winning or re-winning the affection of a lover; lines of doggerel verse were recited at the ceremony. Your contributor's account of how he entered pharmacy is unique. There can be few members of the profession today who can claim that the bumps on their heads influenced their choice of career.

## *Earning after Marriage*

A few lines quoted on p. 433 from a *Lancet* contributor suggest the question of how a wife holding a degree or diploma can add to her income by part-time work. During the past few days *The Times* has allotted considerable space to letters on this subject from wives, most but not all of whom are university graduates. Male pharmacists, like members of other vocations, are not infrequently married to former college friends well trained in the subject or subjects of monetary value. How can these be combined with household duties, Replies in the issues indicated vary from ingenious methods of earning, or at any rate of not losing, money to complete inability to see any hope of using talents and training. Many problems may of course arise. To quote from a letter published on April 22: "No woman should try to be her own grandmother. I know that my grandmother gave parties . . . and exerted herself in many other good and profitable ways. But no one asked her to be cook and scullerymaid, housemaid, parlourmaid, gardener, odd job boy, chauffeur, nurse, and governess, and carry on as if nothing had happened. . . . Each [wife] must choose her own line of sacrifice . . . ."

## COMPANY NEWS

**Previous year's figures in parentheses**

EUCRYL, LTD.—Final dividend for 1953 is 10 per cent., making 15 per cent. for the year (same). Group net profit after tax, etc., was £6,356 (£4,415).

SAVILLE PERFUMERY, LTD. — Mr. O. N. T. Davenport has been elected to the board as sales director. Mr. Davenport remains on the board of Benefax, Ltd.

W. J. BUSH & CO., LTD. — Mr. E L. Bush has been elected chairman of the board and has relinquished his appointment as managing director. Messrs. C. F. Bush and A. J. McIntyre have been appointed joint managing directors.

EVAN WILLIAMS HOLDINGS, LTD.—Consolidated trading profit for 1953 was £30,143 (£34,590). After depreciation, directors' emoluments, etc., balance was £24,205 (£28,293). Final dividend is 5 per cent., making 10 per cent. for year.

UNITED GLASS BOTTLE MANUFACTURERS, LTD.—Group net profit for 1953 was £287,531 (£367,687); taxation, £414,219 (£515,986). With an unchanged final dividend of 10 per cent. the total distribution for the year is maintained at 17½ per cent., less tax.

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Group profit for 1953 was £36,968,150 (£29,617,134); tax, £17,209,526 (£13,816,787); net profit, £19,758,624 (£15,800,347). A final dividend of 9 per cent. making 15 per cent. for the year (against 13 per cent.) is proposed.

HORLICKS, LTD.—Mr. H. W. Weathersbee (managing director) is retiring for health reasons and will be succeeded by Mr. Patrick Campbell (assistant managing director). Mr. Weathersbee is to live in Australia, and will there take over the chairmanship of Messrs. Horlicks' Australian company. Mr. K. A. Wagg has resigned from the parent board but remains chairman of the company's business in the United States.

BEECHAM GROUP, LTD. — The directors have approved a scheme for the liquidation of a number of subsidiaries and the conduct of their businesses as divisions of major operating companies. Among the subsidiaries which are proposed to be liquidated under this scheme are A. F. Sherley & Co., Ltd., and Prichard & Constance (Manufacturing), Ltd. Their preferred ordinary shares have, for some time past, been quoted on the London Stock Exchange at below par but under the scheme repayment will be at par in accordance with the articles of association. With Veno Drug Co., Ltd., another subsidiary to be liquidated, it is proposed that the shareholders should receive 24s. for each 8 per cent. cumulative preference share and 29s. 6d. for each 12 per cent. cumulative preferred ordinary share, which figures represent the highest prices at which dealings have been officially marked on the London Stock Exchange during the three years ended March 31. The purpose of the reorganisation is to increase efficiency and effect economies.

UNILEVER, LTD., and UNILEVER, N.V.—Results recorded for the year ended December 31, 1953, were: Dividends: Unilever, Ltd., final 9¾ per cent., less tax, making 15¾ per cent. for the year (13½ per cent.); Unilever, N.V., 8¾ per cent. making 14 per cent. for year (12 per cent.). The total dividends are equivalent in value under the terms of the equalisation agreement between the two companies. The value of turnover at £1,310,121,000 is the largest so far achieved. After charging depreciation of £15,154,000 (£16,825,000) including the addition to reserve for replacement of fixed assets), the combined trading profit of the group's operations throughout the world was £61,652,000 (£38,921,000). Taxation for the year amounted to £33,860,000 (£22,180,000). Consolidated net profits: Unilever, Ltd., £16,891,000 (£13,343,000); Unilever, N.V., £8,933,000 (£7,713,000).

## LEGAL REPORT

**Unauthorised Possession and Supply.**—At Shropshire quarter sessions on April 22, Dr. John Joseph Hirschmann, Upper House, Clunbury, Shropshire, appeared on fifteen charges involving offences against the Dangerous Drugs Act. He pleaded guilty to the offences, fourteen of which involved the unlawful prescribing, procuring, possession and supply of pethidine. The prosecution said that a ban had been placed on Hirschmann in 1936 following a conviction under the Act, but that he was getting hold of the drug by various methods. The fifteenth charge was one of unlawfully supplying an unknown quantity of pethidine to his wife. It was not suggested that Hirschmann was a drug addict, but he was getting the drug for his wife. THE CHAIRMAN: "Is it the view of the prosecution that he was procuring these drugs simply and solely for his wife and for no one else?"—"It is very difficult to know the whole truth in a matter of this sort. The accused was seen by the police but he adopted an attitude that he was, on his solicitor's advice, telling them nothing. The result is that we perhaps know less than we might. I certainly do not suggest that he was procuring drugs for anyone except his wife. There is no evidence that he did." It was stated that Hirschmann's first system had been to write out prescriptions for any patient, then take them to a chemist's shop and collect the pethidine. It was never intended to be used for patients and was never used for the patients named. In other cases Hirschmann obtained the drug from Clun cottage hospital by telling the sister in charge he needed it for urgent cases. On other occasions he had obtained dual supplies of pethidine for his wife from two doctors, neither of whom knew the other was supplying the drug. For the defence it was stated that Mrs. Hirschmann was now dead. A post-mortem had revealed that she died from Medinal poisoning. It was submitted that there was no question of Hirschmann's obtaining supplies of the drug for the purpose of sale. Mrs. Hirschmann was properly requiring pethidine for neurosis and was not an addict. Hirschmann was sentenced to twelve months' imprisonment.

## DEATHS

DAVIES. — In a nursing home on April 19, Mr. George Tankersley Davies, Down Place, Windsor, aged seventy-two. Born at Timaru, New Zealand, Mr. Davies joined Aspro, Ltd., in Australia in 1917, and as advertising manager he introduced the product into the United Kingdom. He was at the Slough factory until he retired in 1946. His eldest son (Mr. E. M. Davies) is now advertising manager with the company.

HORWILL. — At Canterbury on April 16, Mr. James Hughes Horwill. Mr. Horwill was for many years secretary of the (now superseded) Drug and Fine Chemical Manufacturers' Association.

SANDERSON.—On April 16, Mr. Henry Sanderson, F.P.S., 75 Nevill Road, Stoke Newington, London, N.16. Mr. Sanderson qualified as a chemist and druggist in 1910 and passed the Pharmaceutical Chemist examination in 1911.

SMITH. — At Otterburn, Tighnabruaich, Argyll, on April 20, Mr. Henry Ewing Smith, M.P.S. Mr. Smith qualified in 1893. He had been in retirement for many years. Mr. Smith was the first chairman of T. & H. Smith, Ltd., Edinburgh, when the business was incorporated in 1904. He was a grandson of the late Dr. Henry Smith, one of the founders of the firm. Mr. Smith is survived by his widow.

WHITBY.—On April 21, Mr. Henry Seely Whitby, 31 Wollaton Hall Drive, Nottingham, aged fifty-nine. Mr. Whitby was a director of Boots Cash Chemists (Eastern), Ltd. He joined the company when he left Mundella school in 1910, working in the retail invoices department. About thirty years ago he became the department's manager. He was appointed a director in 1949. His father (Mr. Henry Seely Whitby) was a lord mayor of Nottingham in 1932-33. Mr. Whitby is survived by his widow and a son.

## OVERSEAS VISITS

MR. R. GORDON ARCHER (managing director, C. F. Gerhardt, Ltd., and a director of S. B. Penick & Co., Ltd.), sailed for New York on April 29. He is visiting his associates in the United States and is making a survey of the production of American botanical drugs.

MR. STAFFORD ALLEN WARNER, M.P.S., Didcot, Berks, sailed for the United States on April 30. He is endeavouring to get information for a biography of his father, Mr. Yardley Warner (1815-85), a Quaker who founded Warnersville, North Carolina, a town for freed negro slaves (now the negro quarter of a larger township, Greensboro), and did other work for emancipated negroes. Mr. Stafford Warner has circularised newspaper editors and librarians in the Southern States of the U.S.A. asking for information.

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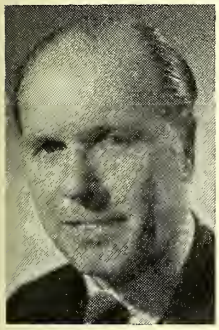
MR. G. S. LAWRENCE, M.P.S., who is in business at 38 Hill Street, Richmond, Surrey, points out that he is not connected with the London Co-operative Chemists, Ltd.

## PERSONALITIES

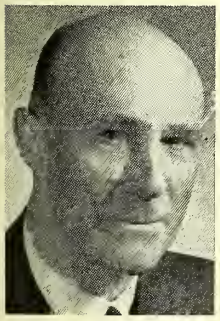
MESSRS. LYALL G. SMITH, M.P.S.I. (president of the Photographic Dealers' Association) and GERARD D. GOLDEN, M.P.S.I., Westport, co. Mayo, were Irish visitors at the Photokina photographic exhibition held recently in Cologne.

MR. SAMUEL LOVATT whose retirement from the managing directorship of Smith & Nephew Associated Companies, Ltd., has been announced (*C. & D.*, April 10, p. 361), joined T. J. Smith & Nephew, Ltd., in October 1920, as works manager. During the period of nearly thirty-four years he progressed through directorships in the subsidiaries within the group to the position of managing director of the parent company.

MR. E. L. BUSH, the new chairman of W. J. Bush & Co., Ltd. (see p. 440) is the son of the late Mr. J. M. Bush and a grandson of the founder (Mr. W. J. Bush). He joined the company in 1922 and was appointed a director in 1935. MR. C. F. BUSH (joint managing director) is the son of the late Mr. Ferdinand Bush and is also a grandson of the founder. He was associated for ten years with a firm of produce brokers of Mincing Lane in the essential oil and drug markets before joining the company in 1930. Subsequently he was appointed joint general manager in 1931 and a director in 1942. MR. A. J. McINTYRE (joint managing director) joined the company in 1919 and was the company secretary from 1933 to 1941. He was appointed a director in 1942.



Mr. E. L. Bush



Mr. C. F. Bush

Mr. A. J. McIntyre

### Silver Wedding

SKINNER—STOTT.—At St. Peter's Church, Peterhead, on April 10, 1929, John Skinner, M.P.S., to Anna Mary Stott. Present address:—47 High Street, Turriff, Aberdeens.

**DIRECTOR'S NINETIETH BIRTHDAY: At the Hammersmith factory of Vitamins, Ltd., on April 21 an informal mid-day birthday party was held in honour of the ninetieth birthday of Mr. J. H. Wrentmore (a senior director of the company). The party was attended by co-directors, heads of departments, twenty-three members of the staff with over twenty-one years' service, and an elected representative from each department. A two-tiered birthday cake made by the canteen manageress blazed with ninety candles, lighting up the inscription "1864-1954. Well done, Mr. Bemax." Mr. Wrentmore, as cheerful and alert as any of the guests who had assembled to do him honour, blew out his ninety candles with one vigorous puff before cutting the first slice of the cake. He is one of few men alive today who is entitled to wear Queen Victoria's long-service medal.**

## INQUESTS

**Praise For Chemist.** — Returning a verdict of "suicide while the balance of her mind was disturbed" on Mrs. Margaret Elizabeth Brown at Rhyl recently, the coroner commended Mr. Sydney H. Howells, M.P.S., Rhyl, who, on being told that Mrs. Brown had apparently gassed herself, had tried to contact a doctor without avail and had thereupon closed his shop to go and give assistance.

**Electric Blanket Warning.**—At an inquest at Coventry recently, at which a verdict of accidental death was recorded on Mrs. I. A. Cleydon, a medical witness said that Mrs. Cleydon died instantaneously from heart failure caused by electric shock. An electrical engineer who had examined the blanket said that the burning was probably the result of a small short-circuit on the element caused by wear and tear. It was dangerous, he said, to sleep with the blanket switched on.

**Dates on Poisons Labels?**—At an inquest at Hove recently the coroner appealed to chemists to give dates on containers of poisonous drugs. Recording a verdict of suicide on Mrs. E. E. Hodson, Hove, he said: "It would be much easier for all parties concerned if only chemists would inscribe on containers the dates on which poisonous drugs were issued. We find unlimited quantities in houses. A pathologist said that Mrs. Hodson had died from barbituric poisoning. She had taken at least ten capsules.

# BURMA PHARMACEUTICAL INDUSTRY

## Foundation stone laid of new works at Insein, Rangoon

ON April 23 the Prime Minister of Burma laid the foundation stone of the pharmaceutical works that is being established near Rangoon by Evans Medical Supplies, Ltd., on behalf of the Burmese Government (*C. & D.*, 1953. II. 409.).

The site first allotted having been rejected as unsuitable, an alternative not remote from traffic routes and not subject to tidal or monsoon flooding was found with difficulty. The one adopted is at Insein, eight miles from the capital. There, three-quarters of a mile from the river Hlang, 140 level acres alongside railway and main road have been acquired, with some hope of securing an additional 100 acres for housing. Plans are well advanced, and contracts already placed for preparing the site, laying part of the foundations and for engineering work in the yeast factory. The cost, with the erection of the buildings and installation of equipment, will total several £ millions. "Know-how" in yeast manufacture is —under advice—being acquired from a French company, one of only two concerns (neither of them British) stated to be capable of providing it.

When completed, the buildings will occupy 250,000 sq. ft. A main pharmaceutical factory, 620 x 230 ft. in area, will include raw-material store, drug-grinding tower (its powdered products gravity-fed to ground-floor percolators), galenical and tableting departments, filling rooms, and sterile-products laboratories. An alcohol distillery will have an ultimate output capacity of 2,400 gall. of spirit daily from rice of less than edible quality, with production readily switched to any one of several grades. The yeast plant will provide each day ½ ton of dry medicinal yeast. Offices, canteen, laundry, workshops, garages, boiler house and generator station are provided for. Eventually a biological institute, occupying its own building, will produce sera and vaccines and farm buildings house animals for vaccine and sera production and biological testing. Until that is built, lymph production is being organised at the already established Harcourt-Butler and Pasteur Institutes of Burma.

The scheme is to get into production with tablets and certain other items at the earliest possible date (given reasonable luck within a year). For that purpose part of the pharmaceutical products building is being completed for pilot-scale work (with pilot-stage power) before proceeding with the remainder. Prefabricated metal units will be used to the fullest extent in construction.

At first all key men, and probably all "second strings," will necessarily be European. The difficulty of eventually replacing them, as intended, with Burmese personnel is complicated by the fact that no pharmaceutical qualification of training exists in Burma. Messrs. Evans are encouraging young Burmese to train for the responsible posts that will be open at the factory.

# TRADE NOTES

**Wrapper Change.**—Promedico Products, Ltd., 21 Turle Road, London, N.4, point out that their Promol moth rings are now issued in a new and attractive star-spangled wrapper.

**Extension Completed.**—An extension to the premises of J. H. Haywood, Ltd., 11 Warser Gate, Nottingham, first announced in these columns on March 27, is now completed and in operation.

**On C.F. List.** — Richardsons, Leicester, Ltd., Evington Valley Road, Leicester, point out that their Skrip chloroxylenol-type antiseptic (formerly Valtresol) is on the Chemists Federation list.

**Strip-Packing Machine.**—The Clinitape strip-packing machine (see *C. & D.*, April 10, p. 365) is manufactured by Morgan Fairest, Ltd., Sheffield, and marketed both by Messrs. Fairest and by Visual Efficiency, Ltd., 2 The Green, Richmond, Surrey.

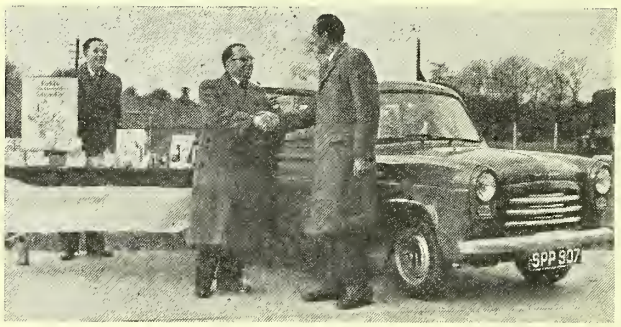
**A Question of Price.** — The British Patent Perforated Paper Co., Ltd., Hackney Wick, London, E.9, state that an error occurred in the price given for their Bronco de Luxe toilet paper (interleaved packets) in announcements in three periodicals recently. The correct retail price is 1s. 1d.

**Veterinary ACTH.** — Consolidated Chemicals, Ltd., Trading Estate, Wrexham, point out that they are the manufacturers of Actos brand ACTH issued for veterinary purposes. Willington Medicals, Ltd., Whitchurch Road, Shrewsbury, are the distributors. The 5-c.c. vial contains in each c.c. 10 international units.

**National Selling Service.**—At a low cost the Vernon Porter Organisation, Felbrigg, Empress Avenue, Woodford Green, undertakes to sell manufacturers' products to wholesalers in various trades on a commission-on-results basis. The service introduces assorted merchandise to suitable prospects by printed propaganda, augmented by telephone selling and personal calls.

Display pack of the Hypak nursery bag manufactured by the Oppenheimer Casing Co. (U.K.), Ltd., 159 Harrow Road, London, W.2.

**Bonus Offers.**—The latest date for acceptance of the Secto insecticide bonus offers by CUPAL, LTD., Blackburn, is April 30.—FASSETT & JOHNSON, LTD., 86 Clerkenwell Road, London, E.C.1, are offering a special bonus display discount of 5 per cent. over normal quantity discounts on orders to the value of £5 and upwards for the company's Olympic rigid and elastic plasters.




**MOTOR-CAR AS PRIZE:** Mr. D. R. Collins (chairman, J. C. & J. Field, Ltd., Amersham, Bucks) presenting a new Ford Anglia car to the first prize winner (Mr. W. C. Griffin) in a recent sales competition for Care and Lavend-air. Also in the picture is the company's new representative in Scotland (Mr. J. Allan).

# PHOTOGRAPHIC NOTES

**Film News.**—Bulletin No. 16 of G.B. Film Library, Aintree Road, Perivale, Middlesex, gives information about films recently made available for home showing.

**Meter and Range-finder.**—The Combimeter, an instrument that combines the functions of range finder and exposure meter, and is suited for use with any camera, is distributed in Britain by Apparatus & Instrument Co., Ltd., 15 Sheen Lane, London, S.W.14.

**Camera Price Reduced.** — To meet foreign competition and provide a competitively priced good camera for export markets, Purma Cameras, Ltd., 7 Queen Street, London, W.1, are reducing the price of their Purma camera.

**Better Value than Ever.** — Greatly increased production has enabled Jonathan Fallowfield, Ltd., 74 Newman Street, London, W.1, to include an Acos 33/1 microphone and 1,200-ft. reel of Scotch Boy recording tape with their Mark 4 and Console models of the Kenton tape recorder. The offer is made retrospective, with credit notes issued to all previous purchasers.

**Circular Plastic Dish.** — For photofinishers and professional and commercial photographers, Kodak, Ltd., Wealdstone, Middlesex, have introduced a 15-in. circular plastic dish (approximate capacity 2 gall.) to replace the former stainless-steel model. It is intended for use with the Kodak rotary fixing device, but may be used as a general-purpose processing dish. It is turned at the rim for greater rigidity and has a strengthened ribbed base. Its surface is unaffected by chemical action. The dish takes up to 120 $2\frac{1}{4}$ x $3\frac{1}{4}$ in. prints.

**Northern Ireland Trade Show.** — Neville Brown & Co., Ltd., 77 Newman Street, London, W.1, recently put on a three-day photographic trade show in Belfast in conjunction with their Northern Ireland wholesalers, Harold Mitchell & Co., Ltd. Nearly 200 photographic dealers and chemist dealers attended, many from distances of up to 100 miles. The complete range of Nebro cameras, projectors and accessories, films, etc., were on show, and there was a display of Ferraniacolor transparencies. Half way through the show came the news that orders could be booked for the new Paxette IM camera with built-in rangefinder and Prontor SV shutter. A model was flown to Belfast.

**Miniature Lantern-slide Binder.**—To give 35-mm. monochrome or colour transparencies full protection during projection they are bound between two cover-glasses each 2 in. sq. In binding slides two difficulties are generally experienced: to position the two glasses, the small piece of film and the mask correctly; and to hold them in that position while applying the binding-tape to the edges. A miniature lantern-slide binder marketed by Messrs. Ilford consists of a transluscent opal plastic base, with eight metal pins situated at one end so that one pair holds each corner of the slide. As the glasses, film and mask are placed alternately in position the pins hold them still and allow them to be correctly placed "four-square." Two cut-outs are provided at top and bottom of the slide position to permit the easy removal of the "sandwich" of component parts. The transparent base allows the accessory to be placed over any illuminated plate, such as a lighted contact printer bed, enabling the pieces to be positioned and the cover-glasses easily cleaned. At the left-hand side of the binder is a spring-loaded plunger; by placing the first and second fingers on either side of this and the thumb behind the "stirrup" in which it is fitted, the plunger spring may be compressed and a 4-mm. gap formed between its end and the opposite side of the stirrup fitting. The slide parts may then be placed in the gap and the plunger released, causing the glasses to be firmly gripped and held in place while being bound together. Two small pads, one of soft rubber on the plunger, and the other of red felt on the flat face of the stirrup, help to prevent the glasses slipping. The makers of the binder are Ilford, Ltd., Ilford.

# NEW PRODUCTS AND PACKS

**New Medicinal Specialities.**—Biorex Laboratories, Ltd., 47 Exmouth Street, London, E.C.1, have introduced two new products: Biofergate B elixir, in 8- and 80-fl.-oz. bottles; and Biorub, in 2-oz. and 1 lb. (dispensing) packs.

**Now in a Set.**—On May 1, Ward, Blenkinsop & Co., Ltd., 6 Henrietta Place, London, W.1, are discontinuing the separate supply of 2-oz tube of Penotrane vaginal cream and carton of fourteen disposable applicators. Instead, those items are being marketed as a complete set.

**Disposable-applicator Pack.**—Ortho Pharmaceutical, Ltd., Lane End, High Wycombe, Bucks, announce that they are now issuing their Aci-Jel, triple-sulfa cream and dienœstrol cream each complete with fifteen applicators so as to meet the requirements of Appendix 14 in the January amendment to the Drug Tariff.

**Nursery Sponge.**—Declon Sponges, Ltd., 1b Dyne Road, London, N.W.6, are issuing in a foam plastic of softer and smoother texture than their Declon toilet sponge a new Declon nursery sponge. It is presented in pink and blue packs in a display carton of 1 doz.

occupying only 5½ in. of counter frontage. The sponge has been awarded the seal of the British Good Housekeeping Institute. Half-doz. single-colour refills are available.

**Pain-relieving Cream.**—S. Maw, Son & Sons, Ltd., Barnet, Herts, have introduced, under the name Arthigon, a deep-penetration cream for the sustained relief of rheumatism, fibrositis, neuritis, lumbago, sciatica, etc. The new product, which is issued in a display outer containing six jars, will be on sale to the public from May 31. Press advertising is booked, and the initial supply to chemists is on a sale-or-return basis.

**Brighter-than-ever Packs.**—What are described as "brighter-than-ever packs for better-than-ever soap" have been adopted for their white Windsor soap by Roberts Windsor Soap Co., Ltd., The Acre, Windsor.

**For Prevention of Motion Sickness.**—Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, are marketing a new product, Marzine brand cyclizine hydrochloride, for the prevention or relief of motion sickness. Marzine is claimed remarkably free from any tendency to produce drowsiness, etc. Usually given in 50-mgm. dose (25 mgm. for children), three times daily before meals, it is issued in tube of ten and bottle of 100 50-mgm. products.

**Vacuum Flask with "Built-in" Bottle.**—Fitting neatly into the base of a new vacuum flask issued by Vacco,

Ltd., Grosvenor Gardens House, London, S.W.1, is a separate container for milk. Instead of the usual cork, moreover, the flask has a polythene stopper. All components, "even down to the milk-bottle cap," are issued separately.

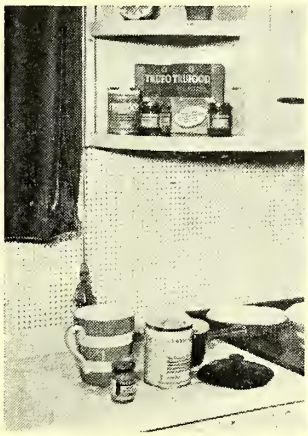
**"Satin Foam" Powder Puff.** — A foam rubber puff that holds and applies powder "with a silken satiny smoothness" is being distributed in the United Kingdom by Alfred Franks & Bartlett Co., Ltd., 226 Grays Inn Road, London, W.C.1. Issued in counter-display packs, the product is in two sizes to fit standard compacts.

**NEW LABEL, HANGER AND OUTER: Air-wick—the first and original wick air freshener—has been given a new label, a new "sell-out" container and a new plastic hanger by the makers, Airwick, Ltd., Slough, Bucks. The plastic hanger enables the bottle to be hung on a wall. There is now no label on the back of the bottle: instructions are printed on the collar.**

**Lavender Flowers Series.** — To the various perfumes in which Morny, Ltd., 22 Wadsworth Road, Perivale, Middlesex, issue their range of perfumed toilet preparations (bath salts tablets, talcum powder, soap "disks," etc.) they have added lavender flowers. The perfume is characterised by its remarkable fidelity to the natural lavender bouquet.

**New Medicinal Specialities.**—Upjohn of England, Ltd., 4 Adford Street, London, W.1, announce the introduction of Pamine bromide tablets and Kaopectate. The product Pamine is an anti-secretory and antispasmodic agent with a selective action upon the parasympathetic nervous system. It is a useful adjunct in the management of peptic ulcer and related gastric disorders. The pack is a bottle of 100 2·5-mgm. tablets. Kaopectate is a suspension of colloidal kaolin for the treatment of diarrhœa. It is issued in a 10-oz. bottle. Both products are being given intensive personal promotion and strong mailing support in the coming months.

**A New Hand Cream.**—Chesebrough Manufacturing Co., Ltd., Victoria Road, Willesden, London, N.W.10, are launching on April 26 a new product, Vaseline brand hand cream, which will be supported by Press advertising and show material.



**Left: Trufood packs on display at "leisure kitchen" showrooms recently opened in Regent Street, London, W.1. The makers are Trufood, Ltd, Green Bank, London, E.1. Right: Pack of the new Vaseline hand cream (Chesebrough Manufacturing Co., Ltd., Victoria Road, London, N.W.10).**

# CANDIDATES HAVE THEIR (LIMITED) SAY

## London stops them with a lamp, Brighton with a bell

MEETINGS at which candidates for the Pharmaceutical Society's Council could state their views and answer questions were held in London on April 6 and in Brighton on April 7. In London a red light warned speakers that their ten minutes was up. In Brighton an alarm clock gave notice at the end of ten minutes that they had two minutes more in which to perorate.

The London meeting was held under the auspices of the London County Pharmaceutical Association in conjunction with the East Metropolitan Branch of the Pharmaceutical Society. The Brighton meeting was organised by Brighton and Hove Branch of the Society.

The candidates present in London were, in order of speaking (determined by ballot), Messrs. J. F. McNeal, F. H. Connelly, H. S. Grainger, J. M. Dowty, H. J. Graves, Miss M. J. Hincks, and Mr. J. C. Bloomfield. Their statements of policy are being given separately (see pp. 445-449).

### What Members Asked and Said

MR. H. G. TIBBETT, South-west London, suggested that regional representation would not prevent apathy, since members would not usually know more than one candidate.

MR. DOWTY'S reply was the National Pharmaceutical Union had a better voting record because the candidate for a particular area lived in that area, and MISS HINCK'S that her idea of allocating Council members to areas might lead to territorial representation; she would not at the present juncture suggest altering the voting system.

MR. A. T. MORGAN asked whether the candidates would bring to the attention of the British Pharmaceutical Conference Executive, the necessity for widening the Conference?

MISS HINCKS said she would work for such a widening, MR. GRAINGER said that the Conference must be the spearhead of scientific advance and it would be a disservice to the profession as a whole to upset that aspect of it. MR. MCNEAL was worried about the Conference. The scientific side should not push out the practical side.

MR. J. U. WARBURTON, South-west London, thought Mr. Bloomfield's proposal that any major policy should be placed before members before being implemented was a sweeping suggestion. MR. BLOOMFIELD replied that matters vitally affecting pharmacy should go to branches before a decision was taken.

MR. H. A. HORLINGTON, East Metropolitan, believed that apprenticeship after qualification would not have been brought in if it had been put to the vote of the members.

MR. GRAINGER said that he had sympathy with that point of view but would approach the matter more cautiously. A vote at a branch or annual meeting on the question such as education could not be an informed vote. It would be dangerous for a heterogeneous and fortuitous collection of people to decide the educational policy of the Society. The Council had been wrong in putting to the vote the question of registering the unqualified, without giving all aspects of it.

MR. WILLIAMS, London, asked how much liaison there was between the Council and the N.P.U.

MR. DOWTY replied that there was complete liaison.

MRS. A. N. FELTON asked what arrangements would be made to force pharmacists to give a good apprenticeship if the one-year post-graduate apprenticeship were abolished.

MR. GRAINGER said that he had suffered the evils of the old apprenticeship system. He felt that the present system broke down over inadequate supervision. His remedy was to extend the practical training of two years, one part before and one after graduation.

MR. BLOOMFIELD pointed out that only recently, after opposition, had it been ruled that the post-graduate period of apprenticeship should be done in one set of premises. Still no records were required, though they were obligatory for the pre-graduate apprentice.

MR. CONNELLY said that the Society's scheme was quite good but more supervision was required.

### At Brighton

At Brighton Messrs. J. E. Searle, H. Williams, J. C. Bloomfield, Miss M. J. Hincks, Messrs. H. Williams and E. J. G. Goodall spoke in that order.

MISS L. L. PECK, Hove, asked Mr. Searle if he thought that registration of dispensing assistants would affect the future of pharmacy.

MR. SEARLE'S reply was that unqualified dispensers and dilution were a menace to the pharmacist's qualification. If the number of unqualified was controlled, the pharmacist's position was secure. In a period of distress employers might do without the qualified man. But registration, if properly done and compulsory, would be a protection for the pharmacist, especially if it laid stress on supervision.

MR. H. J. SEATH, Eastbourne, asked the views of candidates on the limitation of pharmacies.

MESSRS. SEARLE and BLOOMFIELD favoured limitation of the opening of new pharmacies.

MR. DOWTY thought that a scheme similar to the National Health Service limitation upon the number of doctors in one area could be worked by Executive Councils for pharmacies. The code of ethics should include a clause making two pharmacists to one set of premises a condition of registration.

MR. GOODALL believed that the general opinion among pharmacists in all spheres favoured limitation.

MISS HINCKS said the limitation worked well in France, Switzerland and Sweden.

MR. WILLIAMS said that qualified people should not work for unqualified, limited or not.

MR. BALL, Portsmouth, asked Miss Hincks what would happen to her system of allocation if two Councillors came from one area.

MISS HINCKS said that both could be used as a link.

### Pharmacy a Vocation?

DR. E. W. SKYRME, Hastings, asked Mr. Searle if he agreed with Mr. Williams that most people qualified in order to become their own boss. Did not people accept pharmacy as a vocation? Did he think that the work for one pharmacist should be linked to the number of N.H.S. prescriptions dispensed?

MR. SEARLE said that in the old days the majority had hoped to own a pharmacy but today a substantial number entered pharmacy with their eyes wide open to the idea that they would be employees all their lives. There should be a limit beyond which additional help must be obtained.

MR. MOORE, Brighton, asked if the candidates agreed that the letters Ph.C. should not be used in the title of pharmacists and were they aware that the Ministry of Health recognised that certain assistants could take charge of a dispensing department. MR. DOWTY observed that the Council had not said "Do not use the title Ph.C." MR. WILLIAMS said that there were many shocks in store in the forthcoming Linstead report. He suggested that if a pharmacist trained anyone it should be an apprentice.

MR. BLOOMFIELD said that pressure should be exerted upon the Ministry of Health to improve the remuneration of hospital pharmacists.

MR. SEARLE said that retail employers were not prepared to see a decent salary scale laid down in black and white.

DR. SKYRME asked if the candidates would agree that the Pharmaceutical Society's branch in any area should bring pressure to bear on hospital management committees that did not employ qualifieds.

MR. R. G. MUMFORD, Brighton, asked if the candidates were going to fight for recognition in the three Services.

MR. WILLIAMS said that in Reading the fight was on already. Members should write to their M.P.s about the matter.

MR. DOWTY said that the Council was flogging that question month after month. Members should refuse to do dispensing in the Forces.

MR. E. HUNT, Eastbourne, asked if there was any reason why a statement should not be published in the pharmaceutical Press asking pharmacists not to volunteer for dispensing.

MR. N. L. BANKS, Portsmouth, asked whether the observation of rota hours should be made a matter of ethical conduct.

MISS HINCKS thought it should. MR. DOWTY said that some Councillors were trying to use the Code against rota breaking on a basis that it was a form of advertising.

# COUNCIL ELECTION CANDIDATES

## Biographical details and policy statements

THE following information and statements of policy have been submitted by the twenty-one candidates for the election to the Council of the Pharmaceutical Society that is being held in May:—

**BLOOMFIELD, J. C.**

PROPRIETOR pharmacist and optician in Portsmouth. Entered pharmacy in 1935. Awarded Genatosan scholarship and the Pharmaceutical Society's Herbarium silver medal in 1939. Qualified 1940. After experience as first assistant and manager, in December 1940 purchased the business of the late Mr. Edward Davies-Lewis in Fratton Road, Portsmouth. Served in the sick berth branch of the Royal Navy as S.B.P.O. (D.C.), 1944-46. Member of the committee of the Portsmouth Branch of the Pharmaceutical Society, of the Portsmouth Optical Committee, and of the council of the P.A.T.A. Secretary of the Portsmouth Chemists' Association, of the Portsmouth Branch of the National Pharmaceutical Union and of the Portsmouth Pharmaceutical Committee.

POLICY: I am convinced that there must be a close liaison between the Council and the rank and file members, and I am very much in favour of branch grouping and the holding of regional conferences for the discussion of important pharmaceutical topics. In my opinion, all matters of major policy should be submitted to the branches for their consideration and report, before any final decision is taken by the Council. I believe that the educational system of the Pharmaceutical Society needs drastic revision, particularly the apprenticeship regulations, and I am unconvinced that the present one-year post-graduate apprenticeship is in the best interests of the profession. I have consistently opposed any form of registration of unqualified assistants by the Society, since in my opinion such a scheme can only lead to dilution of the pharmaceutical qualification and I will continue my campaign in that connection. The Council must continue its efforts to secure greater recognition for pharmacists in the Forces. I offer myself as having the necessary time and enthusiasm, and if elected, pledge myself to work constantly for the betterment of the whole of the profession and to truly reflect the views of the Society's membership.

**CONNELLY, F. H.**

QUALIFIED 1928 and with Boots, Ltd., for thirty-one years, the past fourteen as manager of the Oxford Street, London, branch. Chairman of the London Pharmaceutical Committee, vice-chairman of the Joint Industrial Council for Retail Pharmacy and holder of many trade union positions including chairmanship of national advisory committee of the Association of Pharmaceutical Employees and secretaryship of the London advisory committee of that Association.

POLICY: My opinion that retail pharmacy employees should be represented on the Council by people employed in retail pharmacy remains unaltered. The standards of remuneration and working conditions are promoted and safeguarded by the Retail Pharmacy J.I.C. on which employee pharmacists are fairly represented, but professional interests governed by the Council have no such representation. I am concerned by the increasing tendency to "break" rota arrangements by remaining open after normal hours. In the long run that can only lead to longer hours for everyone engaged in retail pharmacy without extra profit for anyone. Immediate and vigorous action must be taken to prevent the situation developing.

**COOPER, William.**

HEAD of the school of pharmacy, Bristol College of Technology since 1945. Qualified as a chemist and druggist in 1911 after training at the Bath and West of England school of pharmacy. Passed the Pharmaceutical Chemist Qualifying examination in 1912. Pharmaceutical Society's bronze medallist, 1913. Served with the Special Brigade Royal Engineers, 1915-19. Appointed lecturer in pharmaceutics at the Bath and West school of pharmacy, 1919; lecturer in pharmaceutics at the Bristol college of technology, 1929. Joint secretary of the Bath Branch of the Pharmaceutical Society 1925-27.

POLICY: By the granting of the supplementary charter and the passing of the Pharmacy Act, 1953, the Pharmaceutical Society has become very largely a self-governing body and has laid upon the members the responsibility for so governing themselves as to contribute to the public welfare. I am sure that the only really effective method of doing that is through the annual election of members of Council and I respectfully urge every member to cast his or her vote. I believe that territorial representation would stimulate interest in the elections because candidates could more easily become known in a smaller area. Interest in the Council's actions would also be stimulated if members knew exactly how each member of Council voted on all major issues. I consider that the extension of the present two-year final course for the qualifying examination should not take place for a long time. Students are already receiving adequate academic training. In my opinion the scheme whereby students can undergo their period of practical training after taking the final examination is not advantageous to the students themselves or to the profession of pharmacy and should be discontinued.

**DOWTY, J. M.**

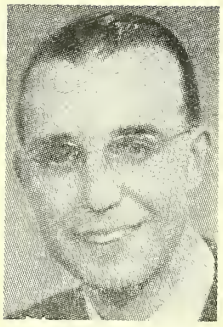
PROPRIETOR pharmacist in Southampton. Qualified in 1908. Was elected president of the National Union of Assistant Pharmacists in 1909. Took over his present business in Southampton in 1919. Has held office in the local branches of the Pharmaceutical Society, National Pharmaceutical Union and Photographic Dealers' Association, and has been chairman of the retail section of the Southampton chamber of commerce. Was for ten years chairman of both the Southampton and Hampshire Pharmaceutical Committees. Was a member of the local National Health Insurance Committee and has been a member of the Southampton Executive Council since its commencement. Was elected to the Council in 1951 and serves on the committees for law, finance, organisation and benevolence.

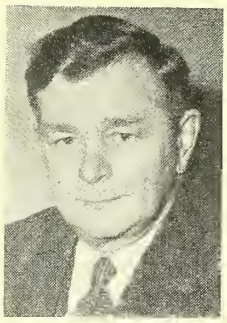
POLICY: I have been a member of Council for three years during which time I have missed one meeting only. My vote has always been given in accordance with the promises I made at the 1951 election. I believe that the Council should be an effective and sympathetic instrument for the conservation and administration of the interests of the whole craft. I am opposed to any dilution of our profession with semi-skilled labour, hence I voted against the scheme for the examination of the technician. I shall continue to press for commissioned rank in the medical section of the Forces. I believe in a real and balanced sectional representation on the Council. If re-elected I shall continue to work for the good of all sections of the Society.

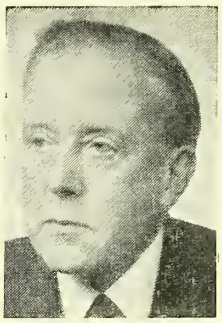
**GOODALL, E. J.**

A DIRECTOR of R. A. Cripps & Son, Ltd., manufacturing pharmacists, Hove. Qualified in 1940 and was awarded the silver medal for highest aggregate and bronze medal for forensic pharmacy at the London College of Pharmacy. After locum and managerial experience became proprietor of a business at Epsom, and later of another at Sutton. Member of the committee of the Croydon Branch of the Pharmaceutical Society, 1943-46 (vice-chairman in 1946). Secretary of the Worthing Branch since 1951.

POLICY: In 1953 I stressed my close contact with other pharmacists and expressed the opinion that Councillors are elected to represent and to safeguard the interest of members of the Society. I am firmly of the opinion that all Councillors should have first-hand knowledge and experience of the problems which confront pharmacy in order to be able to appreciate the views of all members. This is not an election in the political sense, in which the electorate is expected to choose the lesser of two evils between opposing party programmes with the certain knowledge that the winning party will impose its policy on the people. It is rather an opportunity which members have to select candidates to represent them on the Council of their professional body. It is members' views and interests which


Mr. J. C. Bloomfield


Mr. F. H. Connelly


Mr. William Cooper

Mr. J. M. Dowty

Mr. E. J. Go

must be the concern of their selected representatives and it is because I hold this belief that I have accepted nomination for election to the Council.

**GRAINGER, H. S.**

CHIEF pharmacist at Westminster Hospital, London, S.W.1, since 1948. Previously successively resident pharmacist at General Infirmary, Leeds, pharmacist at Queen Elizabeth Hospital, Birmingham, and chief pharmacist, Prince of Wales's General Hospital, Tottenham, London, N.15. Has been secretary of the Birmingham Branch of the Guild of Public Pharmacists and of the London Branch until 1949. Member of the council of the Guild of Public Pharmacists, of the actions and uses subcommittee of the British Pharmaceutical Codex, and of the tablets and capsules subcommittee of the British Pharmacopœia. Secretary of the hospital section of the International Pharmaceutical Federation.

POLICY: I am not satisfied that the present scheme of practical training or apprenticeship is effective. A thorough review should be made by a specially formed committee representing the industry, retail, hospital, the schools, the Ministry of Health and the Pharmaceutical Society. The period should be two years for all candidates and a part of it should be served before taking the finals course. Fellowship of the Society should be granted for contributions to the technical side of pharmacy or for theses on the cultural and general scientific aspects of it or on passing a suitable examination. I suspect that the great burden of fact-finding and policy-making is left by the Council on the shoulders of the staff at Bloomsbury Square. I should like to see more forward thinking and preparation of policy by Committees of the Council. Professional people in different countries have a common bond through their work. That can be used to create and improve good international relations. I am in full agreement with the interest shown in that work by the Society and would give it every support. I should like to see fully reciprocal recognition of qualifications throughout the Commonwealth subject to the standards of training and examination being brought into line. I would favour limitation of new pharmacies.

**GRAVES, H. Jarvis.**

PROPRIETOR pharmacist in Exmouth since 1939. Qualified 1929. Member of the Devon county council, the Exmouth urban district council (past-chairman of the latter 1949-50), the Devon and Exeter Executive Council, and of the Joint Pricing Committee for England. Secretary of the Devon and Exeter Pharmaceutical Committee and past-chairman of the Exeter Branch of the Pharmaceutical Society.

POLICY: My interests in general are the well-being of all pharmacists, particularly of those engaged in retail. I believe the Society is not the best body to negotiate remuneration and terms of service under the National Health Service and that applies particularly to rotas. I am as interested as ever in the status of the chemist in the Forces and feel particularly anxious that the Society's journal should allow more room for helpful articles of day-to-day dispensing problems which now in the main arise from our National Health Service contracts. On the other hand I cannot promise the world because undoubtedly inside the Council chamber of the Society one would hear the other side of the picture, and I feel it is vitally necessary to know each side of any case before making a decision. Therefore I can only promise that if elected I would do my best to further members' interests which are identical with my own.

**HALL, O. T.**

RETAIL pharmacist in Coventry since 1920. Apprenticed in Coventry, 1910. After apprenticeship was with Mr. C. D. Cumber, Bournemouth. Joined the Royal Engineers for the 1914-18 war. Demobilised in January 1919. Qualified 1919. Commenced business in Coventry, January 1920 and still engaged in retail pharmacy there. Vice-chairman of Coventry and Warwickshire Branch of the Pharmaceutical Society and a member of several subcommittees. Member of Coventry Pharmaceutical Committee (and of its subcommittees) and of Coventry Executive Council since its inception.

POLICY: I support the Jacob Bell formula, "The union of members into one body; protection of their general interests and advancement of scientific knowledge." There is still room for improvement on union. A completely solid block of all pharmacists (employees, proprietors and teachers) would give a solid force for bargaining to pit against any who seek to lessen our privilege and would be invaluable to pharmacy generally. I shall work to promote this solidarity—a job which may be a long-term one but which holds promise of rich reward. Protection of interests is a subject which needs careful and constant watching. The accomplishment of the three aims will enable us to carry out, without hardship, a strong but reasonable policy on ethics, to augment our education schemes and to attain full professional status. Finally I am interested in, and prepared to support and work for, the various benevolent funds of the Society. Particularly am I interested in Birdsgrove House.

**HINCHLIFFE, G.**

QUALIFIED in 1920 after serving in the Manchester Regiment with the rank of captain. In 1921 opened a new business in Dukinfield later starting businesses at Ashton-under-Lyne and Hyde. Became a member of the Cheshire Pharmaceutical Committee in 1926, afterwards serving as chairman, and was a member of the Cheshire Insurance Committee. At present chairman of the Local Pharmaceutical Committee and a member of Cheshire Executive Council. A past-chairman of the Ashton-under-Lyne Chemists' Association. Member of Dukinfield urban district council since 1923 and is now serving his second term as mayor of the borough.

POLICY: I am in substantial agreement with the principles and tenets contained in the Code of Ethics and the new by-laws. The interests of retail, wholesale, manufacturing, teaching and hospital pharmacists must be considered but our interests are best furthered by considering the profession as a whole. We must foster within the profession a spirit of unity and a desire to work for the betterment of all sections. I agree with the main principles of the educational policy of the Society but I consider it essential to have a two-year apprenticeship after passing the Intermediate examination. I am against the proposal to have an examination for assistants but if we are forced to accept such an examination I would insist that the Council should exercise full control. I believe that we have now reached a sufficiently high standard to ensure that men and women who are now or are about to become pharmacists will be capable of meeting all demands made on them in the practice of their profession. Since my election I have attended every Council meeting, and branch meetings up and down the country. If re-elected I shall continue to do my best for the interests and advancement of all members of the Society.

H. S. Grainger

Mr. H. Jarvis Graves

Mr. G. Hinchliffe

Miss M. Janet Hincks

Mr. W. S. Howells

**HINCKS, M. Janet.**

CHIEF pharmacist at Upton Hospital, Slough, Bucks, since 1943. Apprenticed to Wands, Ltd., Leicester, and Mr. C. J. Reid, Eton. Qualified in 1936 from the College of the Pharmaceutical Society. Qualified assistant to Mr. J. Downing, Archway Road, Highgate. Numerous locum and other short-term engagements. A former treasurer, secretary and vice-chairman of the Slough Branch of the Pharmaceutical Society (now chairman). Hospital representative on the Buckinghamshire Pharmaceutical Committee. Secretary of the North-west Metropolitan Hospital Pharmacists' Association. A member of committee of the London branch, Guild of Public Pharmacists.

POLICY: Pharmacy for the pharmacist. Professional training must be continued, post-graduate, through our journals and branch meetings. Practical training must be equal for all: Two years either before or after college (permissive alternative is necessary because of shortage of college space) the forensic and practical pharmaceutics examination to be taken after completing both apprenticeship and college study. Business training is essential in all its aspects including income tax allowance. Legal training so that pharmacists may take an aware interest in our constitution. It may be my intense desire to know how the wheels go round that prompts me to endeavour to enable students and others to learn more of their own Society. Let each Councillor be allocated one twenty-first part of the country to act as two-way liaison between the Council and his area; to answer questions, put to him by either, regarding the opinions and actions of the other. This is no more than the whole Council now attempts for the entire country with such disappointing results.

**HOWELLS, W. S.**

A RETAIL pharmacist at Richmond, Surrey. Qualified in 1910. Elected to the Council in 1936, vice-president, 1941, and president the following year. Has been a member and chairman of the various Committees of the Council, is a member of the Statutory Committee and was on the Joint Committee on a National Pharmaceutical Service. Treasurer of the Society for the past seven years. Member of the committee and past-chairman of the Thames Valley Branch of the Society, a member and past-chairman of the Surrey Pharmaceutical Committee and a former member of the council of the Proprietary Articles Trade Association.

POLICY: With the new constitution resulting from the recently granted supplemental charter and the Pharmacy Act, 1953, the Society has entered another stage. There is no longer any doubt that the Society is equally concerned with the professional interests of the pharmacist, irrespective of the branch in which he works and of whether he is an employer or an employee. It is a source of strength in the work of securing wider recognition although the advantage thus gained needs to be matched by a sense of community in the membership as a whole. The new constitution has also enabled the Society's finances to be brought into line with present-day conditions. The improved financial position has brought with it increased responsibility and careful examination of claims for expenditure will more than ever be needed. In the educational field conditions should continue to permit an uninterrupted academic course for those who wish to proceed on those lines and should not deter graduates intending to make industrial pharmacy their career from becoming members of the Society. I am particularly interested in and fully support the policy of fostering veterinary pharmacy.

**JACKSON, Mitchell.**

RETAIL pharmacist in Leeds. Qualified in 1929 from Bradford technical college. A member of the committee of the Leeds Branch of the Pharmaceutical Society since 1936 and its chairman in 1946. Present chairman of the Leeds Branch of the National Pharmaceutical Union.

POLICY: As membership is compulsory for practising pharmacists, obligations exist for the Council to give members the fullest information regarding its activities. The annual meeting can never be truly representative of the opinions of members so there should be the closest co-operation between the Council and branches through Branch Representatives' meetings in the development of policy on major issues. It is necessary that expenditure should be closely watched and increases in registration fees fully justified. The development of regional associations for branches should be encouraged. The Society's journal should be used to stimulate branch activities. The important functions of the Society are to maintain the highest possible professional, educational and ethical standards in the service to the community. I therefore would be against the Society's examination and registration of assistants at any time. I am in favour of a two-year apprenticeship and support any action which would improve the pharmaceutical services in the Forces. I believe the true aim for pharmacy is the separation of prescribing from dispensing. Having had long experience in pharmaceutical organisations, I feel sure that if elected I would fully justify the confidence of the members by working for the interests of our profession.

**McNEAL, J. F.**

PROPRIETOR pharmaceutical chemist in Buckinghamshire and a past-vice-president of the Society. Has served on all Committees of the Council, the Parliamentary Committee, Committee of Inquiry, War Emergency Committee. Has held office as chairman of the Benevolent Fund, War Aid Fund, Public Services Committee and Parliamentary Committee of the Committee of Inquiry. A member of the Birdsgrove House Committee. Society's delegate at International Conference at Zurich, Amsterdam and Hamburg. A past-chairman and secretary of the Harrow Branch of the Society and a former chairman, Harrow Branch, National Pharmaceutical Union. A member of the Herts Pharmaceutical Committee and the Pharmaceutical Society's representative on the British Council of Social Hygiene. A past-member of the N.P.U. Executive.

POLICY: The valuable services of Mr. Deacon are now being lost to the Council so that only one member of that body I joined in 1936 remains. The link between the past and the future is important in the Council's deliberations. The knowledge gained in visiting branches is important and I have visited nearly every branch, some of them several times. My policy is to carry out the objects of the Pharmaceutical Society to the best of my ability, laying stress on: (1) restricting the sale of drugs and medicines to premises registered under the Pharmacy Act; (2) the provision in the Forces of a pharmaceutical corps controlled by pharmaceutical chemists. As an ex-service pharmaceutical chemist I deplore the present position; (3) the status and remuneration of members in hospitals which, unless drastically uplifted, will cause a breakdown in that service; (4) the pruning of the educational syllabus, possible without loss of efficiency; (5) the prudent control of expenditure; (6) the solution of the unqualified assistants problem which I do not consider lies in registration or examination

Mr. Mitchell Jackson

Mr. J. F. McNeal

Mr. W. A. Park

Mr. Eric Robinson

Mr. T. E. Searle

by the Society. As the senior member of Council who has held the usual offices leading to presidency, I ask for a renewal of that confidence you have so generously given to me in the past.

**PARK, W. A.**

APPRENTICED to the late Mr. William Watt, Aberdeen, after which served with Messrs. Davidson & Kay as an unqualified assistant. Qualified in 1922 and rejoined that firm for a further period before commencing business on his own. When Messrs. Davidson & Kay was formed into a private company he was invited to join it, and on the death of Mr. H. G. Kay he became senior managing director, in addition to being superintendent. For four years he has been a member of the Executive of the Pharmaceutical Society's Scottish Department, and during that time has been a member of the Education Committee. Almost from its inception he has taken an active interest in the affairs of the Aberdeen and North-eastern Scottish Branch of the Pharmaceutical Society and served as its treasurer for twenty-one years, vice-chairman for two years, and is now completing his second year of office as chairman. He has been appointed treasurer of the local committee of the 1955 British Pharmaceutical Conference to be held in Aberdeen. For many years he has been a member of the Aberdeen Pharmaceutical Association and has been convenor of its business interests committee for the past two years.

POLICY: As will be seen from my biographical sketch, I have been engaged solely in retail pharmacy almost entirely in a large dispensing business. From my general business experience I can claim to have a full knowledge of the day-to-day difficulties and problems which confront retail pharmacists. My "apprenticeship" with the Executive of the Scottish Department has been a valuable one and the experience gained there has given me that wider outlook, particularly in that field which I regard as the bedrock of all pharmaceutical thought and policy: education. I believe that the future of our profession lies in a progressive yet practical educational policy pivoted on the retail pharmacist so as to adequately equip him for his responsible and essential duties and thus enrich his service in the communal life of our country. If I should be successful in my candidature my wholehearted efforts will be to give a diligent and faithful service to the profession of pharmacy and although a retailer, to work with equal assiduity for my fellow-pharmacists in the other spheres of pharmacy.

**ROBINSON, Eric.**

APPRENTICED to the late Mr. J. H. Stancliffe, Idle, Bradford, and qualified in 1930 from Bradford technical college. After three years as manager of a branch establishment he joined Mr. F. Mitchell as manager of a newly opened pharmacy in Darley Street, Bradford, and in 1942 was appointed managing director of the company. Since the tragic loss of Mr. Mitchell in an air crash (*C. & D.*, 1953, I, 489) Mr. Robinson has taken over all the pharmaceutical interests of his late colleague. He has been a member of the Bradford Branch of the Pharmaceutical Society since 1931 becoming chairman in 1936 and branch secretary, 1940-52. He has been a member of the Bradford Pharmaceutical Committee for six years and past-chairman of the National Pharmaceutical Union Branch. He has taken a keen interest in local affairs and stood as a Liberal candidate for the Shipley division of Yorkshire in the 1945 election.

POLICY: I should seek to effect the needs of our calling with the utmost vigour and to develop a note of greater urgency. So many problems lie unattended and create apathy in our members. It should be a matter of immediate concern to: (a) Deal with the veterinary monopoly that eliminates proper pharmaceutical interests; (b) advise members of the Poisons Board that pharmacists are qualified to handle poisons and that they should not place medical products out of sensible availability, Schedule IV being reserved for drugs internationally recognised as habit-forming and not for relatively innocuous substances; (c) encourage the pharmacist to exercise his profession to assist the doctor and for the benefit of the public; (d) modernise outlook and methods in the publications department of the Society; (e) challenge by the Ethical Committee commercial greed that may cause a complete breakdown of reasonable rota facilities. With twenty-five years' pharmaceutical interest and experience I should be happy to give service to pharmacy.

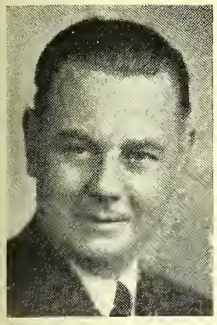
**SEARLE, T. E.**

MANAGER of a private company pharmacy in Eastbourne. Passed the Pharmaceutical Chemist examination from Brighton technical college in 1939. Has had private, multiple and hospital experience. A member of the national advisory committee of the Association of Pharmaceutical Employees; a life-member of the Socialist Medical Association; chairman, Eastbourne branch of the Union of Shop, Distributive and Allied Workers, and of its Sussex federation. A member of the trade-union side of the National Joint Industrial Council for Retail Pharmacy, and retail employee representative on the Eastbourne Pharmaceutical Committee.

POLICY: The Council would be stronger if all important sections of the membership were represented. Employee pharmacists should, under the National Health Service Act, receive recognition comparable with their responsibilities. Employee pharmacists must organise together as powerfully as their employers have done, and the Pharmaceutical Society should recognise that necessity. In the "Code of Ethics," the exhortation to "furnish emergency supplies at all times" should be balanced by a condemnation of "rota-breaking." No employer should accept a rota arrangement which would necessarily involve an infringement of his employees' legal right to an unbroken weekly half-holiday. In view of the superfluity of pharmacists in the Forces, the Pharmaceutical Society should support a relaxation of the conscription laws, for which the time is ripe. Concerning education, I believe that the two-year apprenticeship before the final course is advantageous to the prospective retail pharmacist. The employee candidates, Mr. Connelly and I, are confident that all who seek to strengthen our profession will appreciate the value of having in the Council chamber experienced representatives who can put forward the viewpoint of the employees whenever their interests are affected.

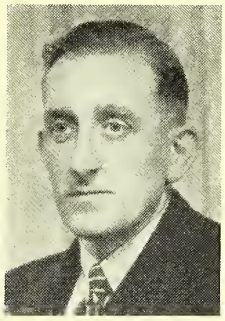
**WILLIAMS, Herbert.**

APPRENTICED at Bala, North Wales. Qualified 1929, from Liverpool school of pharmacy. Afterwards had retail experience in Manchester, Birmingham and London. Has had experience of multiple and chain stores, and of manufacturing. Was a representative for about five years. At present though a proprietor of a retail pharmacy (managed by his wife who is the vice-president of the National Association of Women Pharmacists) is manager of a privately owned pharmacy. Has served in the Forces. Is secretary of the Reading Branch of the Pharmaceutical Society, of the



Left, Mr. Herbert Williams.

Right, Mr. F. C. Wilson.



Reading and Berkshire Branch of the National Pharmaceutical Union, and of the Reading Pharmaceutical Committee. Member of the council, Reading chamber of commerce, of the public health committee of the Reading borough council and of the scientific advisory committee to Reading technical college.

POLICY: Pharmacy is for pharmacists only and is indivisible. The gradual steps taken to enhance the prestige of pharmacy should be maintained and that prestige should have its due reward. The Council should do all in its power to ensure for hospital pharmacy the recognition and remuneration due to it. The limitations of the old charter are now removed and the Council should work for the betterment of all pharmacists and should not concern itself with non-members. As the livelihood of the majority of the members is irrevocably and intimately tied up with retail pharmacy, the conditions prevailing in retail undeniably affect all pharmacists and that fact should always be borne in mind. The remuneration of pharmacists generally must always be considered when the educational policy of the Society is under discussion, and I believe that the employers of would-be pharmacists are the best judges of when apprenticeship should be undertaken. The present restrictions placed on candidates for election to the Council are out-dated. An agreement that has become notorious for the many ways in which it can be circumvented should be scrapped. I would assure all members that I will give of my very best to the cause of pharmacy which is my only means of livelihood. I study each pharmaceutical problem from a practical standpoint, bearing in mind that what we plan today affects the pharmacist of tomorrow. I hope that the confidence placed locally in my ability, enthusiasm and judgment will be reflected nationally and that you will elect me to the Council of the Pharmaceutical Society.

**WILSON, F. C.**

QUALIFIED 1927. For some years secretary and later vice-chairman and chairman of the Bradford Branch of the Pharmaceutical Society. Elected to the Pharmaceutical Society's Council, 1939. Has served on all Committees and has been chairman of Organisation and Public Service Committees; and at present is chairman of the Establishment Committee. Elected vice-president in 1950, and president in 1951. Has represented the Pharmaceutical Society on a number of bodies including the Joint Committee on a National Pharmaceutical Service, and on liaison committees with the National Pharmaceutical Union and the British Medical Association. Since 1946 has been secretary of Surrey Pharmaceutical Committee, and since 1948 a member of the Surrey Executive Council. Has been chairman of the general services committee of that Council. In the 1945 General Election was Liberal candidate for North-east Leeds division. Vice-chairman Wimbledon Branch of the Pharmaceutical Society, 1954.

POLICY: During the fifteen years I have served as a member of the Council I have devoted myself and my leisure incessantly to the affairs of the Society and to the profession generally. In my capacity as secretary to a large Pharmaceutical Committee I am kept closely in touch with all the problems of retail pharmacy. It is impossible in a few words to survey all the problems which are likely to concern the Council during the next three years. I will therefore limit myself to a few of the major headings. Recent events in the Parliamentary field have shown how necessary it is for the Pharmaceutical Society to watch closely legislative trends in order to prevent additional impositions on the retail pharmacist. I believe that improvements in the status of the pharmacist in the Forces can only be brought about by continuance of the pressure maintained so long by the Society on service departments. Results can never, in my opinion, be achieved by any other means, but in justice to pharmacists in the Forces and in fairness to Forces personnel, the struggle should be continued on every available opportunity. I believe that satisfactory education of the future pharmacist cannot be achieved by the prolongation of the present system of apprenticeship. Neither of the two systems at present involved, the two-year pre-graduate or the one-year post-graduate, is in itself satisfactory. In my opinion a complete re-orientation of the practical training is necessary in fairness to the student and to the pharmacist who accepts the responsibility for training him. I consider the Society's publication department, and the research laboratories attached thereto, are a valuable part of the Society's activities and a source of prestige to pharmacy generally. In conclusion, may I say that as in the past my services are completely at the disposal of the profession.

# NEW BOOKS

**The New Practical Display Instructor**

H. C. MURRILLS. *Blandford Press, Ltd.* 10 x 7½ in. Pp. 144. 18s. 6d.

ONE turns first, naturally, to the commendably comprehensive index of this book in search of such references as

| | |
|---|---|
| chemists, display for | display in the pharmacy |
| chemists' windows | fittings for chemists |
| cosmetics, display of | toilet goods, display of |

or other similar entries that would enable one quickly to discover and critically to examine those sections most likely to be helpful to the chemist. But alas! there are no such references in the index. And, of the 133 illustrations, one only (a perfumery display) is connected with chemists' merchandise. Yet it must be admitted that to find chemists' displays of sufficiently outstanding interest to justify publication is difficult. The book does, however, contain much that can be helpful to the beginner in display, and features more than a hundred top-grade displays that may be inspiring to the chemist who wishes to improve his own window showmanship. It gives helpful guidance on preparatory work, lists a wide range of materials and accessories that can simplify or add to the attractions of merchandise display and provides advice on the use of colour. The most practical section of the book is the one on blocks, platforms and hollow squares. It contains useful diagrams on how to build up displays by those media. One could wish that the author, who ranks as one of the best display men in the country, had included more matter on modern display methods.

**Pharmacology**

J. H. GADDUM, SC.D., F.R.S., M.R.C.S., L.R.C.P. *Geoffrey Cumberlege, Oxford University Press.* 8¾ x 5½ in. Pp. xviii + 562. Fourth edition. 35s.

THE economical and direct simplicity of this book are reflected in its one-word title and opening sentence, which plunges without preliminaries into the subject of diet: "A complete diet contains a wide variety of substances which are classified as follows. . . ." The author compresses, in fact, quite a quantity of information within his nearly six hundred pages, though not enough to contain his "too large" subject. For more detailed study of the subject he directs his readers, even before they reach his first chapter, to textbooks of pharmacology, experimental methods, the chemistry of drugs, and medical treatment; to reviews and "official books written by committees." Since the third edition the whole text of the book has been revised, and "few pages remain as they were." The main additions and alterations involve the anterior pituitary, synthetic analgesics, the blockade of autonomic ganglia and neuromuscular junctions, vitamin $B_{12}$ nuclear poisons and antibiotics. Simple, plain language is matched by a common-sense approach and occasionally relieved with dry humour. To illustrate the first, "when the drugs acting on the mucous membranes fail to stop a useless unproductive cough, it may be necessary for the peace of the patient to stop the cough by means of drugs acting on the cough centre. Morphine is very effective for this purpose, but liable to lead to nasty habits, and codeine is therefore commonly used."

# FIGURES IN THE PHARMACEUTICAL WORLD

## 17. Mr. SYDNEY F. BODY

THE Southend pharmacist whose name is henceforth perpetuated in the title of a new foundation, "The Sydney Body Trust" (see next page), is one who throughout his life has combined a gift for successful business organisation and a capacity for unremitting work with a lively interest in his fellow creatures and a proper self-respect which is its natural counterpart.

Throughout Mr. Body's pharmaceutical career there runs a consistent story of confidence reposed in him by business associates, of his own confidence in colleagues and employees, and of friendships loyally sustained with both. Perhaps in his make-up there is a touch of American generosity traceable to his earlier years, for paradoxically the eminently British subject of this sketch was born at Fairmont, Omaha, Nebraska, U.S.A., and lived there for the first five years of his life. However, that may be, it is evident that a Cornish ancestry has contributed markedly to his character, aided by environmental influences during a boyhood passed in the West Country of his forebears.

Pharmaceutically, Mr. Body's career began when in 1896 he answered an advertisement offering apprenticeship, was accepted, and became indentured to Mr. J. G. Netting, pharmaceutical chemist and town councillor, at North Road, Plymouth. There he was initiated into the mysteries of pharmaceutical craftsmanship by an apprentice-master who was essentially a physician *manqué*, locally esteemed as a counter prescriber but known by his colleagues rather for his resistance to the price warfare of those days. Long hours and hard work typified the life of young Body both there and during his days as a junior assistant with John Oliver, Southsea, and part-time student under Kingsley Padwick of Brighton, during which he was putting-by savings to pay college and examination fees. When there was a sufficient balance in hand, he left for London to study at the Metropolitan College of Pharmacy under that gifted teacher the late Mr. Watson Will. In 1903 he both qualified and gained the silver medal of the College. He then had brief wholesale experience with Burroughs Wellcome & Co., London, joined one of the company's West End retail agents at the now defunct Upper Regent Street pharmacy of Jebez Munro, followed by a spell at Sarsons, Paignton (where he met his future wife, a daughter of the proprietor of Deller's cafés), before entering the Plough Court pharmacy of Allen & Hanburys, Ltd., where he was contemporary with old Cornelius, Frederick Reginald and Capel Hanbury, Dodds, Netherway Groves and Gamble of Vere Street. The high professional standard of that famous pharmacy appealed strongly to his idealistic standards: so much so that when he launched out on his own in 1907 at Southend-on-Sea, he for years limited his purchases of drugs and galenicals to its proprietors, and let it be known that he was doing so. That policy, if commendable, was also courageous in a fiercely competitive age, for the business he had taken over at Station Road, Westcliff, was moribund and well-nigh derelict, and he had only a tiny capital and his own energy and ability with which to develop it. Nevertheless he resisted any temptation to adopt the price-cutting practices with which he had become acquainted during his Plymouth apprenticeship and accepted nothing less, then as now, than the highest professional standards.

The success with which he pulled the Westcliff business round was not unnoticed by others and he gained the patronage and financial support of a notable resident and critical observer in opening the pharmacy at Broadway, High Street, Southend, around which the business of Body's Pharmacies, Ltd., one of the most successful retail pharmaceutical businesses in the country, came to centre. Between the wars especially the business rapidly expanded. Not only were a number of branch pharmacies established, but the possibilities of every department—dispensing, cosmetic, surgical, photographic, optical—were exploited to the full, and a successful wholesale and small manufacturing company, Teucer, Ltd., was set up. Sound methods of stock control were universally applied. In fact, it says much for the business training that employees received at Body's Pharmacies that three former members of the staff hold key positions today at the headquarters of the National Pharmaceutical Union, and another occupies the editorial chair of the Society's journal.

The 1939-45 war brought a crippling setback to the business: the evacuation of Southend's population. That compelled the closing of two branch shops; it also released fittings and furniture that later came in useful for an important purpose elsewhere.

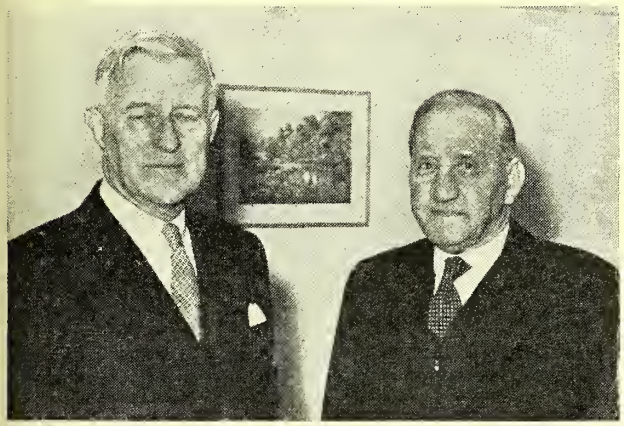
Pharmacy and salesmanship were by no means the sum of Mr. Body's interests. As a member, before the National Health Service was set up, of the old Board of Management of

the Southend General Hospital, he shared the ambition, with others, of raising the hospital to teaching status. To that end a museum, a library, and a lecture-hall were basic necessities. In founding the museum and library it now possesses, the hospital received material help—including the fixtures and furniture already referred to—from Mr. Body. In the eventful year of the National Health Service, 1948, the hospital was not, unfortunately, accorded teaching-hospital autonomy, but Mr. Body continued to think of ways in which its status could be raised. One result has been the Trust, which makes a potent contribution to medicine, culture and research in Southend. Though of modest degree by comparison with famous national benefactions, the Sydney Body Trust has the merit of encouraging and embodying local initiative at a time when the all-too-prevalent trend is to leave things to the central authority. That is particularly true within a nationalised framework such as the National Health Service, and Mr. Body has given refreshing proof that benevolent local enterprise need not resign itself to inaction. The Trust testifies alike to his business acumen, vision, public spirit and the humanity of his outlook. Should it prove to be the pioneer in a series of similar benefactions in other Hospital Regions throughout the country, it will redound to the credit of pharmacy and enrich the life of the community.

# A First Award and Lecture

## UNDER A TRUST A PHARMACIST CREATED

THE first Sydney Body lecture was delivered and the first Sydney Body gold medal awarded at the General Hospital, Rochford, Essex, on April 14. Both have been established under a Sydney Body Trust set up on the initiative of a Southend pharmacist and optician: Mr. Sydney F. Body, M.P.S., F.S.M.C., The lecture is to be given annually by a distinguished personality on a subject of biographical or historical interest within the sphere of medicine.



Sir Francis Walshe, O.B.E., F.R.S. (first lecturer under the Trust), with Mr. Sydney F. Body, M.P.S., F.S.M.C.

Photograph by courtesy, the *Southend Standard*

The gold medal is to be awarded—with a citation—from time to time to past or present members of the staff of the Southend-on-Sea Hospital "for distinguished services to medicine." A third object of the Trust is to promote in the Southend area facilities for research work in the field of medicine or surgery among general practitioners and to provide laboratory equipment or books for the Hospital library.

The subject of the lecture on April 14 was "The Changing and the Unchanging Face of Medicine," and the lecturer was SIR FRANCIS WALSHE, O.B.E., M.D., F.R.C.P., F.R.S. (president of the Royal Society of Medicine and consulting physician, University College Hospital). Sir Francis said that the scientific achievements of medicine were the changing face, and prudence among doctors the static quality. The discovery of the sulphonamides and the antibiotics, and the refinement of surgical and anæsthetic techniques was an "intoxicating achievement" that might disturb the sense of values and proportion. In the good doctor, courage and wisdom to resist doing too many and too drastic things in diagnosis or treatment were essential. For the unchanging face of medicine they must look to the moral issues, which determined what it was right and what not right for the doctor to do. He hoped that, however brilliant in scientific achievement the future of medicine might be, they would always find the activity of doctors inspired by the moral virtue of practical wisdom.

Obverse of the Sydney Body medal

MR. DONALD S. M. BARLOW, F.R.C.S. (surgeon at the Southend General Hospital), outlining the objects of the Trust, said that there had been no difficulty for the special committee concerned in deciding on the award to Mr. William Evans, D.Sc., M.D., in recognition of his work in cardiology.

MR. BODY presented the medal and the citation on vellum. Dr. Evans, he said, was held in high esteem by his contemporaries in the field of medicine. He had been acclaimed by his distinguished colleagues of the Hospital as outstandingly worthy of the award, and had achieved an abiding reputation, nationally and internationally.

Thanking Mr. Body for the medal, DR. EVANS described the Trust as "a very important step forward for medicine in this area." In Britain they were suffering from lack of funds for research work.

ALDERMAN S. F. JOHNSON, J.P. (chairman of the Hospital) announced that two plaques, to bear the names of the lecturers and the gold medallists, would be put up at Southend General Hospital.

## UNITED STATES DEVELOPMENTS

THE American Medical Association has formed a new group, to be known as the subcommittee on blood dyscrasias, whose purpose will be to develop new methods for the earliest possible reporting of drug-induced abnormalities and to seek ways of enabling more accurate prediction of potential dangers from new therapeutic agents.

Clinical trials of a recently introduced drug, 6-mercaptopurine, carried out at Stanford Medical School, Stanford, California, and the San Francisco Veterans Administration Hospital, have shown encouraging results in the treatment of acute leucæmia. 6-mercaptopurine appears about four times more potent against acute leucæmia in adult patients than the best previous remedies (cortisone, ACTH or the folic acid antagonists). It is also less toxic.

Alcohols used in detergents, synthetic lubricating oils and lubricant additives can now be produced commercially by a process based on the use of sodium metal, according to workers at the Ethyl Corporation research laboratories, Detroit, Michigan. Unlike most other methods now used, chemical reduction with sodium can produce higher alcohols from a wide range of raw materials, including fatty compounds from animal or vegetable sources. The process yields a greater variety of product alcohols than do most other methods, because the sodium preserves the chemical characteristics present in the raw materials employed. Other advantages cited for the process are that it does not require expensive, high-pressure equipment or costly catalysis.

The synthesis of a possible new anæsthetic was announced by Dr. Keith W. Wheeler (organic chemical research department of the William S. Merrell Co., Cincinnati, Ohio) at a meeting of the American Chemical Society recently. The compound, 5-ethyl-6-phenyl-meta-thiazine-2, 4-dione is expected to produce general anæsthesia of long as well as of short duration. The lethal dose for animals is said to be fifteen times the hypnotic.

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Published weekly at

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## Easier Said than Done

THE requirement that chemist-contractors should refer back to the prescriber any EC10 prescription that does not clearly state the quantity or strength of a medicinal speciality intended to be dispensed is one of those demands that are entirely reasonable in theory, but in practice full of snags in carrying out.

The doctor puts, say, only the name of a product on the prescription. Possibly he has omitted the quantity through carelessness. (Careless prescribers have, of course, been known.) Much more probably he believed he was automatically indicating a strength or size, since, so far as he knew, only one pack was issued by the manufacturer. Had he in fact acted in that belief he would have been right about quite a few proprietaries, and it may be sheer bad luck that he had prescribed a product with alternative packs of which he knew nothing. It may even very well be that he had not kept quite up to date about a product that once had a single strength and now has two. Any of those causes may be regrettable, but they are understandable and certainly innocent.

The prescription comes anyway to the pharmacist. For him, says the Ministry, there is only one course. He must return it to the doctor and get him to write in the strength or quantity. The prescriber may be known to the pharmacist, who may be aware that the doctor is in the habit of ordering a particular strength. He may have good reason to suppose that the doctor was unaware of a second strength. No matter. He must not give the patient what he thinks the doctor intended, or what he knows is appropriate to the patient's case, if that happens to be the larger size or greater strength. For, says the Ministry, "We will pay, in those circumstances, only for the smaller size or weaker strength. Nor will we accept any but the prescriber's written note that he intended the normal and not the half-strength pack or other variant. Public money is involved and we must run no risk of paying out too much."

So the pharmacist must contact the doctor. "Surely," says the Ministry in effect, "there is no hardship in that. Already, under the law, you have to do that whenever you receive an incomplete prescription for a Dangerous Drug or Schedule IV preparation." And often, if the doctor is local and known, there is indeed little enough difficulty, apart from the tiresome one of trying to indicate tactfully to the doctor that he has left something undone that he ought to have done. If, however, the prescriber is unknown, and from another locality, the two cases are not on all fours. One can explain to a patient that a prescription may not be dispensed because statutory poisons requirements have not been met, but he would justifiably take a dim view of being told that the only reason for withholding the medicine was doubt whether reimbursement would be forthcoming from the Executive Council. Surely, says somebody, a letter to the doctor is always possible. Well and good. Let the contractor, in compliance with the requirements, post off the prescription to the doctor, who lives, say, fifty or 500 miles away—or perhaps even in Northern Ireland. If it comes back duly completed the patient has lost a day or two and the contractor has lost nothing but the postage—either one way or, if a stamped addressed envelope had been enclosed, both ways. If, however, the doctor fails to return the prescription for any reason, whether fortuitous or deliberate, or if the prescription should go astray in the post, neither chemist nor patient will have any redress or recompense. And for a chemist who takes a chance and dispenses the medicine before getting the prescription endorsed that might be a serious matter.

Such problems are, as the secretary of the London Pharmaceutical Committee has pointed out (p. 437) specially acute in parts of the metropolis. But they will be met with to some extent in all areas. That the pricing authorities must lay down safeguards against possible overpayments is recognised, but it is far from right or necessary that patients and chemists should be penalised in the process. The procedure notified in ECN 145 bears all the marks of having been hastily drawn up before proper consideration has been given to all the factors involved, and some system more equitable and just to all concerned must be speedily substituted for it.

## Review of Overseas Trade

UNITED Kingdom exports in March were valued at £246·4 millions, against an average of £213·5 millions for January-February. Imports were again higher at £298·6 millions in March, while re-exports showed a marked increase at £11·7 millions. To some extent the higher figures are accounted for by the greater number of working days in the month (twenty-seven against twenty-five).

Medicinal and pharmaceutical exports in March were valued at £2,955,873, bringing the total for the quarter to £8,212,818, against £7,061,058 in the corresponding quarter of 1953. The progressive relaxation of import control by Commonwealth countries is seen in the following values of medicines, etc., shipped during the quarter (figures for January-March 1953 in parentheses):— India, £770,711 (against £579,799); Pakistan, £444,795 (£33,598); Australia, £778,458 (£420,722); New Zealand, £365,171 (£165,237).

During March, vitamin exports were valued at £158,975, and penicillin at £376,335. Antibiotics other than penicillin, at £292,279, brought the total for the first quarter of 1954 to £1,019,554. For the first time the value of other antibiotics has exceeded that of penicillin. Shipments of quinine in March were higher than in previous months, at £24,425; other alkaloids were valued at £77,519. The quarter's figures for aspirin, at £216,070, were about £17,000 down on the same quarter of 1953, principally on account of smaller shipments to Hong Kong, where a considerable amount is

said to be unsold. Other products showing a fall on the quarter compared with the corresponding quarter in 1953 were antipaludics, £138,407 (against £169,599); liver extracts, £54,644 (£72,627); ointments and liniments, £268,815 (£275,663). On the other hand the following were higher:— Barbiturates, £132,994 (£69,426); insulin, £134,021 (£83,208); sulphonamides, £416,582 (£186,813) and proprietary medicines, £1,974,715 (£1,402,400).

Exports of cosmetics (face cream, lipstick, rouge, etc.) totalled £612,643 in the quarter, against £538,094; tooth-paste exports were valued at £385,498 (£420,450) and toilet soaps, £567,470 (£517,474).

On the import side essential oils fell to £416,207 in March from a January-February average of over £500,000. Imports of menthol were almost negligible, at £3,909.

## A Joint Contracting Scheme

TENDERS are being invited in this issue of THE CHEMIST AND DRUGGIST for the supply of drugs to hospitals in the South-west Metropolitan Region and to certain teaching hospitals in London. The scheme for operating a joint contract for the area is a new development. It has been initiated as a result of the efforts of the South-west Metropolitan hospital pharmacists' committee (*C. & D.*, March 13, p. 252), which is acting as a pharmaceutical advisory committee to the Regional Hospital Board. The secretary of the committee is Mr. W. S. Benjamin, chief pharmacist at the Lambeth Hospital, London, S.E.11, who is prepared to give information about the scheme and its operation to hospital pharmacists in other areas who may be considering similar joint efforts.

# CORRESPONDENCE

*Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.*

### A CUMBERLAND PHARMACY

SIR,—I was extremely interested in the "Cumberland Pharmacy" article in the *C. & D.*, of April 17 (p. 404), particularly the reference to John Fallowfield, founder of the business. My great-great-grandfather, William Calvin, was born in Penrith and was a painter by trade. His son William had moderate success as an artist and painter and I have in my possession his original business ledger, dated 1775. In that ledger the name "Mr. John Fallowfield, Chemist," appears with payments due in respect of lettering on boxes, painting, labelling and lettering canisters, bottles and pots, with one entry, dated June 16, 1777:

"Guilding and Ornamenting 4 Glasses for the windows in shop ... ... ... ... ... ... ... 8/-d."

There are entries for similar work done for a Dr. Harrison and a Dr. Storey. There are also references to the Lonsdales of Lowther Castle. Lady Lonsdale was a patron of Ann Calvin, the Penrith artist mentioned in Hutchison's History of Cumberland, p. 318.

EDINBURGH, 11 J. C. GATES
*Wholesale and Export Manager*, T. & H. SMITH, LTD.

### THE COUNCIL ELECTION

SIR,—On behalf of the Wimbledon Branch of the Pharmaceutical Society we wish to indicate the support of this Branch to the candidature of Mr. F. C. Wilson in the forthcoming Council election. The good record of service to pharmacy given by Mr. Wilson over the past fifteen years is well known, and we therefore have every confidence in soliciting support from our colleagues in other Branches.

KENNETH C. PRETTY, *Chairman*
WIMBLEDON, LONDON, S.W.19 HAROLD J. NEWITT, *Secretary*

SIR,—The members of the Portsmouth Branch commend for the serious consideration of pharmaceutical electors the candidature of James Cecil Bloomfield in the forthcoming Council election. We feel sure that many members of the Society already know our hard-working, conscientious "Jimmy"—a member of council (retail) of the Proprietary Articles Trade Association, secretary of our local Association, member of the Branch committee, secretary of the local branch of the National Pharmaceutical Union, secretary of the local Pharmaceutical Committee—a thoroughly sound pharmacist, living in today, with an eye to the future. His statement of policy [p. 445] exemplifies his character and forthrightness. He is a proprietor pharmacist, young, enthusiastic, tenacious, and possessed of much determination; a firm believer in "pharmacy for the pharmacist." Jimmy Bloomfield has the wholehearted support of this Branch, and we know that if he is elected to the Council every pharmacist will be able to approach him on any pharmaceutical matter with the certain knowledge of a sympathetic hearing.

H. N. GRIFFITHS, *Chairman*
PORTSMOUTH NORMAN L. BANKS, *Secretary*

SIR,—The Worthing and District Branch of the Pharmaceutical Society again asks for votes for Mr. E. J. Goodall. He has our enthusiastic support. For some years he has served us ably as secretary, and recently we have elected him chairman. Formerly a proprietor pharmacist and now a working director in a firm of manufacturing chemists, Mr. Goodall is, we feel, well fitted to represent the "average" member. He has not only the present interests of pharmacy at heart, but his faith in the future of the profession is demonstrated by the fact that both his sons have chosen pharmacy for their future careers. We feel that the common sense, hard work and organising ability Mr. Goodall has displayed in his work for this branch justify our confidence that he would do good work as a councillor. He would not be likely to get out of touch with "rank and file" pharmaceutical opinion, since his business interests bring him into personal contact with many pharmacists. We ask every member to fill in that voting paper now—less than half were returned last year.

S. TAPP, *Secretary*,
P. D. MONK, *Treasurer*,
WORTHING G. H. TROTT, *Vice-chairman*.

SIR,—The committee of the Exeter and District Branch of the Pharmaceutical Society invite the support of all members for the candidature of Mr. H. Jarvis Graves in the forthcoming Council election. After fourteen years with the "multiples," Mr. Jarvis Graves has been a successful proprietor pharmacist for another fourteen years. In that time he has become a key man in pharmaceutical affairs, a position he has attained by indefatigible effort and unquenchable enthusiasm. He is a past-chairman of the local branch, a member of the Devon and Exeter Executive Council, secretary of the local Pharmaceutical Committee, and a member of the Joint Pricing Committee for England. In local government he is a past-chairman of the Exmouth urban district council and a member of the Devon County Council. The committee of this branch feel that, while the Council should represent all sections of the membership, it is essential that it should include those with an up-to-date, exact, and accurate knowledge of the working conditions in pharmacy today, to guide them in their relations with the members, the allied professions, and the State. My committee realise that we have in Mr. Jarvis Graves a candidate of outstanding merit who is a practising pharmacist, a proved negotiator and administrator.

EXETER T. C. NEVILLE BOOTH, *Secretary*

SIR,—The Council of the Pharmaceutical Society places restrictions upon the efforts that may be made by a local Branch on behalf of any candidate in the forthcoming Council elections. The undersigned members, representing all branches of pharmacy locally, feel such confidence in the ability of Mr. Herbert Williams that we think the attention of members should be drawn to his qualifications, and have formed an election committee to act upon his behalf. Mr. Williams is well known in pharmaceutical circles as a

forthright speaker and strenuous and conscientious worker for all engaged in pharmacy. He has the support of the local Branch of the Society and National Pharmaceutical Union, and of local hospital pharmacists. His familiarity with both the wholesale and retail sides of the profession as an employee, and latterly his experience as a proprietor, should be invaluable in the Council's deliberations. Locally Mr. Williams' ability and judgment have been recognised since he is secretary of the Reading Pharmaceutical Committee, of the local National Pharmaceutical Union branch, and of the Reading and District Branch of the Society. He is also a member of the public-health committee of the Reading borough council, of the council of the Reading Chamber of Commerce, and of the Reading Technical College scientific advisory committee. During his five years as branch secretary he has raised the prestige of pharmacy and pharmacists to a high level locally, and we have every confidence that, given the opportunity, he would do so nationally.

READING K. W. COWELL, *Election Committee Secretary*

## CHLOROQUINE DIPHOSPHATE

SIR,—One always looks forward to reading your informative articles "Essentials of Treatment," of which the papers on malaria and amœbic dysentery seem to be excellent examples. Whilst appreciating that, in the space at your disposal, it is difficult to mention every substance in use for malaria, we feel that pharmacists would like to have details of one of the newer drugs—chloroquine diphosphate (Aralen, Avlochlor) which is now considered one of the most effective antimalarials known. Its use is extending rapidly, and in Korea very large amounts were successfully used both as a suppressant and as a curative agent. As a suppressant, chloroquine diphosphate has the advantages to many of replacing daily by weekly dosage and that, in spite of its widespread use, no resistance has been reported. When given as curative treatment it provides an effective and simple scheme of low dosage. Chloroquine diphosphate is also an extremely efficient amœbicidal agent, and is now considered by many as the drug of choice in the treatment of hepatic amœbiasis and amœbic liver abscess, its use frequently rendering surgical intervention unnecessary. Since, in amœbic dysentery, it is the amœbæ in the intestine that are responsible for the diarrhœal symptoms, some of which usually migrate to the liver, it is now generally agreed that amœbiasis should be treated systemically and not as a purely local intestinal disease. It is therefore logical to combine chloroquine diphosphate with an intestinal amœbicide such as bismuth glycolylarsanilate (milibis) which, unlike chloroquine diphosphate, is poorly absorbed and therefore achieves high concentrations in the intestine. By this combination treatment the amœbæ are thus attacked in both liver and intestine.

WINTHROP PRODUCTS, LTD.,
LONDON, W.C.2 G. BIRD, M.P.S.

## HOSPITAL PHARMACY'S NEEDS

SIR,—Your contributor to Hospital Pharmacy Forum (*C. & D.*, April 24, p. 426) under the title "Towards Good Practice," advances a number of arguments which appear to me inadequate to meet the real needs of hospital pharmacy. The shortage of hospital pharmacists is approaching such dimensions that many hospitals are having to consider curtailment of services, and in a few instances that has already occurred. In such a critical situation something more is needed than piecemeal revision of the "points" scheme, which would have the effect of increasing the salaries of a few chief pharmacists. The fundamental need is to raise the whole level of salaries in hospital pharmacy and increase the career prospects for the vast majority. It should be borne in mind that a substantial proportion of new entrants to the profession are taking the B.Pharm. (Hons.) degree and if hospital pharmacy is to attract a fair share of those pharmacists it must offer salaries and career prospects comparable with those offered to scientific workers with similar degrees in science. That is even more important in view of the fact that the B.Pharm. (Hons.) degree enables the student to specialise subsequently in either biochemistry or pharmacology as well as in pharmacy. On the other hand, hospital pharmacy must also compete with retail and commercial pharmacy. In recent months there has been a steady flow of pharmacists from the hospital service into other fields. It has affected not only the junior posts but also pharmacists occupying senior positions in the hospital service. The present crisis arises because older hospital pharmacists are leaving the service and the influx of new entrants is practically nil. Instead of advancing towards good practice, hospital pharmacy is rapidly advancing towards no practice. The level of remuneration of the pharmacist should be determined by his professional responsibilities. Those professional responsibilities may vary from one hospital to another, but fundamentally they are the same. It would be a mistake in salary negotiations to appear to be "scraping the barrel" on such things as syringe services, surgical instrument supplies, etc., to prove that some pharmacists are worth more than they are getting. When a proper level of remuneration is obtained, the hospital service will soon be staffed by pharmacists who will ensure that the facilities available are adequate to meet all pharmaceutical needs. If any flexibility is needed to reward individual merit, it could be achieved by giving employing authorities, in consultation with the Ministry, the power to determine special salaries above a negotiated minimum. Finally, it is appropriate that your correspondent should take as his starting-point George Orwell, who was the exponent of a philosophy of disillusionment and despair. Your correspondent must obviously despair of hospital pharmacy when he makes the damaging suggestion that a weighting of the points scheme might persuade some pharmacists to undertake the "preparation of injection solutions without adequate premises and equipment to ensure that the solutions were safe beyond suspicion." Pharmacists are trained as professional and scientific workers and their basic training and professional integrity are all that are needed to ensure that they will perform their work satisfactorily.

LONDON, W.1 J. W. HADGRAFT

*BRITISH FINE CHEMICALS AND THEIR USES*

# 7. BARIUM CHLORIDE

BARIUM chloride enjoys a wide range of industrial uses both in the pure and commercial varieties. It is prepared from the native carbonate (witherite) or the sulphate (heavy spar) by a number of methods, while a special variety is prepared for research purposes which must show no trace of strontium or calcium when examined under the spectroscope.

The carbonate ores are dissolved in hydrochloric acid just short of neutralisation, so that iron present remains in insoluble condition, after which the barium chloride is crystallised out. The sulphate ores are reduced in different ways to produce barium sulphide, where the charge includes calcium (or magnesium) chloride, and thereby permits the barium chloride to be washed out. For making the best barium white pigments, only the carbonate ores are dealt with.

Besides white compositions, barium chloride is the basis of preparing different barium chromate pigments, for colours and paints. It is also used for making the barium chromate for the production of opal effects in textile printing together with sodium tungstate. Barium chloride is used in different capacities for weighting purposes, in the preparation of artificial barium sulphate and in the leather industry. As a vermin destroyer it is incorporated in rat poison compositions, and in boiler compounds is claimed to be effective in the prevention of fur in boilers. For the purpose of rendering insoluble the sulphates occurring in many clays which effloresce on drying, barium chloride finds use in the earthenware industry, and other sections of the ceramic trades. It was used medicinally, but has been largely replaced because of its toxic effects.

One of its more unusual applications is in the wet copper extraction industry where it is used to remove small quantities of bismuth. The same principle is taken advantage of in wet silver reclamation methods, where the silver content is very small. For the making of an extensive range of odd chemical compounds, the barium salt is precipitated out by additions of barium chloride and subsequent separation of the barium as sulphate.

# INFORMATION WANTED

*The Editor would appreciate information about suppliers of the following items:*

SAFEGUARD mouthwash
SUNSHINE vacuum flasks
REAZIDE tabs.

## LOCAL OFFICERS

**Pharmaceutical Society**

**Durham County Branch.**—The address of the Secretary (Mr. L. Wood) is now Wyndhurst, 33 Westfield Road, Bishop Auckland, co. Durham.

**North Staffordshire Branch.**—*Chairman* Mr. G. B. Sockett; *Senior Vice-chairman*, Mr. R. Rigby; *Junior Vice-chairman*, Mr. H. H. Morrell; *Treasurer*, Mr. S. J. Mott; *Secretaries*, Mr. G. R. S. Mee and Mr. C. E. Turner, 538 Hartshill Road, Stoke-on-Trent.

**Norwich Branch.**—*Chairman*, Mr. E. G. A. Stone; *Vice-chairman*, Mr. L. W. B. Coleman; *Treasurer*, Mr. G. Baskerville; *Secretary*, Mr. H. P. Whiteside, 128 Dereham Road, Norwich.

**Swansea Branch.** — *Chairman*, Mr. Griff David; *Vice-chairman*, Mr. J. W. Rees; *Treasurer*, Mr. W. S. Francis; *Secretary*, Mr. G. G. Davies, 249 Oxford Street, Swansea.

**Somerset Branch.** — *Chairman*, Mr. N. F. Maggs; *Deputy-chairman*, Mr. W. H. Adcock; *Treasurer*, Mr. E. H. Rake; *Secretary*, Mr. J. S. Clarke, Ashcombe Pharmacy, 88 Ashcombe Road, Weston-super-Mare.

**Stockport Branch.**—*President*, Mr. G. Williams; *Vice-president* and *Treasurer*, Mr. G. W. Yates; *Secretary*, Mr. J. Chandler, 54 Higher Hillgate, Stockport.

**Hounslow Branch.**—*Chairman*, Mr. W. Waterman; *Vice-chairman*. Mr. J. L. L. Heppenstall; *Treasurer*, Mr. W. Waterman; *Secretary*, Mr. S. G. Davis, 2 Almorah Road, Heston, Middlesex.

**Pharmaceutical Committees**

**London.** — *Chairman*, Mr. F. H. Connelly; *Vice-chairman*, Mr. A. Aldington; *Secretary*, Mr. W. F. Wilkinson, 233 Bank Chambers, 329 High Holborn, London, W.C.1.

**Manchester.** — *Chairman*, Mr. H. Steinman; *Vice-chairman*, Mr. H. G. Pilling; *Treasurer*, Mr. J. G. Crossley; *Secretary*, Mr. A. E. Thorpe, 777 Stockport Road, Levenshulme, Manchester, 19.

**Plymouth.**—*Chairman*, Mr. R. R. Ramsden; *Vice-chairman*, Mr. D. G. Hawkins; *Secretary*, Mr. W. F. E. Eustace, 8 Edgcumbe Street, Stonehouse, Plymouth.

**Somerset.** — *Chairman*, Mr. F. W. Bishop; *Vice-chairman*, Mr. J. O. Bond; *Treasurer*, Mr. Blackburn; *Secretary*, Mr. H. M. Lovell, 38 St. James Street, Weston-super-Mare; *Assistant Secretary*, Mr. J. S. Clarke, 88 Ashcombe Road, Weston-super-Mare.

**Sunderland.** — *Chairman*, Mr. J. Spence; *Treasurer*, Mr. W. S. Watson; *Secretary*, Mr. A. R. Riley, 55 The Green, Southwick, Sunderland.

**Pharmaceutical Associations**

**Monmouthshire and Newport Association and Branch.**—*Chairman*, Mr. J. B. Hough; *Vice-chairman*, Mrs. V. W. Shelley, *Treasurer*, Mr. G. Clark, *Secretary*, Mr. T. G. Griffiths, 13 Balmoral Road, Newport.

## AMERICAN APPROVED REMEDIES

CETAZINE.—Brand of tablets each containing 0·167 gm. each of sulphacetamide, sulphadiazine and sulphamerazine. Bowman Bros. Drug Co., Canton, Ohio.

BUFFONAMIDE.—Buffonamide suspension with sodium citrate (S. J. Tutag & Co., Detroit) contains 33 mgm. each of sulphacetamide, sulphadiazine and sulphamerazine and 0·1 gm. of sodium citrate per c.c. 473-c.c. and 3·78-litre bottles.

PYRIZIDIN.—Brand of isoniazid issued as 100-mgm. tablets. Nepera Chemical Co., Inc., Yonkers, New York.

STIGMONENE. — Brand of benzypyrinum supplied as a buffered saline solution for injection containing 2 mgm. of the bromide. 1-c.c. ampoules. Warner-Chilcott Laboratories, Division of Warner-Hudnut, Inc., New York.

TACE.—Brand of chlorotrianisene supplied as oral solution in vegetable oil containing 12 mgm. of the drug per c.c. 30-c.c. bottles. Wm. S. Merrell Co., Cincinnati.

# GUIDE TO NEW MEDICAMENTS

**Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable.**

### BIOTONE

MANUFACTURER: Biorex Laboratories, Ltd., 47 Exmouth Street, London, E.C.1.

DESCRIPTION: A palatable tonic containing, in each fl. oz., vitamin $B_1$, 10 mgm.; calcium glycerophosphate, gr. 2; sodium hypophosphite, gr. 8; strychnine glycerophosphate, gr. 1/50.

INDICATIONS: General and nervous debility, convalescence (including post-operative).

DOSAGE: 1-2 teaspoonfuls thrice daily.

HOW SUPPLIED: In 8-fl. oz. retail pack and 80-fl. oz. dispensing pack.

FIRST ISSUED: February 1954.

### DIAGNEX

MANUFACTURER: E. R. Squibb & Sons, 17 Old Bond Street, London, W.1.

DESCRIPTION: Quininium resin indicator containing a quinine carbacrylic resin.

USE: For determining without intubation the presence or absence of free hydrochloric acid in the stomach.

HOW SUPPLIED: In box of ten tests with ten capsules of caffeine sodium benzoate.

FIRST ISSUED: May 1953.

REFERENCES: *Proc. Soc. exp. Biol.*, 1950. **74.** 218. *Gastroenterol*, 1950. **16.** 380. *Lancet*, 1952. **1.** 714. *J. clin. Pathol.*, 1953. **6.** 178. *Brit. med. J.*, 1953. **2.** 1019.

### BENAPEN

MANUFACTURER: Glaxo Laboratories, Ltd., Greenford, Middlesex.

DESCRIPTION: An aqueous suspension of benethamine penicillin (the N-benzyl-$\beta$-phenylethylamine salt of penicillin G), containing 300,000 units per c.c.

USE: Whenever a prolonged significant penicillin blood level is desired from a single intramuscular injection. Indicated for infections caused by bacteria fully sensitive to penicillin. Of value in prophylaxis against recurrence of rheumatic fever and against infection from accident or surgery.

DOSAGE: Usually 1-2 c.c. (300,000 to 600,000 units) repeated if necessary every three or four days, by intramuscular injection only, into buttock or thigh.

HOW SUPPLIED: In silicone-treated vial containing ten 1-c.c. doses.

FIRST ISSUED: January 1954.

### CODINYL

MANUFACTURER: James L. Hatrick & Co. (London), Ltd., 58 Britton Street, London, E.C.1.

DESCRIPTION: A sedative cough syrup.

FORMULA: Codeine phosphate, 0·2 per cent.; ephedrine hydrochloride, 0·41 per cent.; menthol, 0·01 per cent.; syrup of wild cherry, 12·5 per cent.; solution of tolu, 1·6 per cent.

INDICATIONS: Bronchitis, irritating and unproductive cough and tickling of the throat due to catarrhal drainage.

DOSAGE: 1-2 teaspoonfuls four times a day or when cough is troublesome.

HOW SUPPLIED: In bottles of 16 and 80 fl. oz.

FIRST ISSUED: January 1953.

### SALIODE (external) Gabail

SOLE DISTRIBUTORS: The Anglo-French Drug Co., Ltd., 11 Guilford Street, W.C.1 (for Laboratoires Gabail, Paris, France).

DESCRIPTION: External analgesic.

FORMULA: Phenyl salicylate, 10 gm.; phenyl acetylsalicylate, 5 gm.; iodine (lipoid combined), 1 gm.; eucalyptol, 17·5 gm.; camphor, 5 gm.; chloroform, 25 gm. in an organic base designed for maximum percutaneous impregnation.

INDICATIONS: Analgesic management of all forms of rheumatic and neuritic pain, arthritis, muscular rheumatism, cellulitis, neuralgias, etc.

HOW SUPPLIED: In 20-ml bottle (approximately one week's supply).

FIRST ISSUED: December 1953.

## VAGISOL Suppositabs

MANUFACTURER: A Wander, Ltd., 42 Upper Grosvenor Street, London, W.1.

FORMULA: Each Suppositab contains phenylmercuric acetate, 3 mgm.; tyrothricin, 0·5 mgm.; succinic acid, 12·5 mgm.; sodium lauryl sulphate, 3 mgm.; papain, 25 mgm.; lactose, q.s.

INDICATIONS: Trichomonal vaginitis and other cervico-vaginal infections.

DOSAGE: One Suppositab to be inserted well up into the vagina first thing each morning and just before retiring during eighteen days regardless of menstruation. A half-hour return to bed is advised after the morning insertion.

HOW SUPPLIED: In bottle of forty.

FIRST ISSUED: January 1954.

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## BLANDLAX

MANUFACTURER: Boots Pure Drug Co., Ltd., Station Street, Nottingham.

DESCRIPTION: A palatable laxative containing sodium carboxymethylcellulose, 2 per cent., and magnesium hydroxide, 4·1 per cent.

INDICATIONS: Correction of constipation and dyschezia associated with fæcal dehydration especially during pregnancy and in children and the elderly. Adjunct to treatment of hæmorrhoids, colitis, and other conditions characterised by mucosal inflammation.

DOSAGE: One tablespoonful. Children: (7-12 years), two teaspoonfuls; (2-7 years), one teaspoonful. Should be taken after a meal and followed by a tumblerful of water.

HOW SUPPLIED: In bottles of 8, 16 and 80 fl. oz.

FIRST ISSUED: March 1954.

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## ERYTHROMYCIN (Abbott)

BRAND NAME: **ERYTHROCIN**

MANUFACTURER: Abbott Laboratories, Ltd., 3 Wadsworth Road, Perivale, Greenford, Middlesex.

DESCRIPTION: Tablets each containing 0·1 gm. erythromycin and a palatable suspension containing 100 mgm. in 5 c.c. for administration to children.

INDICATIONS: Treatment of infections caused by staphylococci, streptococci and pneumococci; pharyngitis, tonsillitis, otitis media, scarlet fever and erysipelas.

DOSAGE: Tablets, two initially then one or two every six hours; for severe cases up to five every six hours. Suspension, a quantity equivalent to 2-3 mgm. per lb. body weight every four to six hours.

HOW SUPPLIED: In bottles of twenty-five and 100 tablets and of 2 fl. oz. of suspension.

FIRST ISSUED: February 1954.

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Cross reference for card index.

**ERYTHROCIN** see ERYTHROMYCIN.

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## PENIDURAL Injectable

MANUFACTURER: John Wyeth & Bro., Ltd., Clifton House, Euston Road, London, N.W.1.

DESCRIPTION: An aqueous suspension for intramuscular injection.

FORMULA: Each mil contains 300,000 i.u. benzathine penicillin with 0·014 per cent. propyl parahydroxybenzoate and 0·12 per cent. methyl parahydroxybenzoate as preservatives.

INDICATIONS: (a) Streptococcal infections of the upper respiratory tract, otitis media and scarlet fever. (b) Treatment of streptococcal throat carriers and contacts. (c) Prophylaxis against post-operative infections. (d) Gonorrhœa. (e) Prophylaxis against streptococcal bacteræmia before tonsillectomy or tooth extraction. (f) Prophylaxis against recurrence of rheumatic fever.

DOSAGE: (a), (b) and (c): One injection of 600,000 i.u. (d) Acute gonorrhœal urethritis, one injection of 300,000-600,000 i.u.; chronic gonorrhœal complications, 2·4 mega units then 600,000 i.u. weekly. (e) One injection of 600,000 i.u. (f) 600,000 i.u. at intervals of fourteen days.

HOW SUPPLIED: In 10-mil rubber-capped vial.

FIRST ISSUED: December 1953.

REFERENCES: Fletcher and Knappett, *Brit. med. J.*, 1953. **1.** 188. *Brit. med. J.*, 1953. **1.** 207. Cathie and Macfarlane, *Brit. med. J.*, 1953. **1.** 805.

# PRINT AND PUBLICITY

### Advertising Campaigns

ADELAIDE GREY, LTD., 30 Old Bond Street, London, W.1: Laleek Wax-a-way and Coolwax. In more than twenty-five women's magazines.

J. BIBBY & SONS, LTD., King Edward Street, Liverpool, 3: Cidal soap and Cidal cream. In national newspapers and women's magazines.

CELLUCOTTON PRODUCTS, LTD., 33 Aylmer Parade, London, N.2: Kleenex tissue handkerchiefs. In daily Press and *Family Doctor*.

CHILTON ELECTRIC PRODUCTS, LTD., Hungerford, Berks: Kub electric shaver. In *Radio Times*.

DEARBORN (1923), LTD., 36 Kingsway, London, W.C.2: Mercolized preparations. *In Vogue*.

DELAVELLE (G.B.), LTD., 38 Orsman Road, London, N.1: Go stick deodorant. In national Press and women's magazines. Blue Orchid perfume. In *Daily Mirror* and in women's periodicals.

GILLETTE INDUSTRIES, LTD., Great West Road, Isleworth, Middlesex: Gillette Rocket set. In national Press and at cinemas.

KAY BROS., LTD., Stockport: D.P. hand cleanser. In *Radio Times*.

KELDON, LTD., Wadsworth Road, Perivale, Middlesex: Optrex. In national daily and provincial Press and national and women's magazines.

SPICERS, LTD., Union Street, London, S.E.1: A.1. toilet paper. In national and provincial Press and women's magazines.

THOMPSON & CAPPER WHOLESALE, LTD., Speke Hall Road, Liverpool, 19: Mothaks. In national, provincial and Sunday Press, *Radio Times* and women's magazines. Parador. In magazine Press.

TONI COSMETICS, LTD., Harlequin Avenue, Brentford, Middlesex: New Toni Trio. Half page in *Daily Express*, May 6.

F. & G. TURNPENNY, LTD., 5 Great Winchester Street, London, E.C.2: Piver French perfumes. In national magazines and in cinemas.

### Catalogues

PARTRIDGE & COOPER, LTD., 19 Holborn, London, E.C.1: 1954. Office furniture and sundries (supplementary). 6-p. folder.

PARKE, DAVIS & CO., LTD., Hounslow, Middlesex: With prices and therapeutic index. Pp. 146.

REX CAMPBELL & CO., LTD., 7 Idol Lane, Eastcheap, London, E.C.3: "Solvents, Plasticisers, Surface-active agents, Emulsifiers, Colours, etc." Spiral-bound brochure. Pp. 76.

### Booklets and Leaflets

HARKER STAGG, LTD., Emmott Street, London, E.1: "New Year New Look for Procidets" (Pp. 4); "Nadiol Antiseptic" (Pp. 4).

# WILLS

MR. W. G. BOYCOTT, M.P.S., 42 Imperial Road, Edgerton, Huddersfield (director, Ralph Cuthbert, Ltd., chemists, Westgate, Huddersfield), left £4,511 (£4,388 net).

MR. H. H. COCKING, M.P.S., Landfall, The Ridgeway, Mill Hill, London, N.W.7, left £6,647 (£6,512 net).

MR. H. COLLISON, Branksome, Wycollar Drive, Blackburn (a former director of William Blythe & Co., Ltd., Holland Bank Chemical Works, Church, Lancs), left £13,237 (£12,844 net).

MR. J. T. FLEET, M.P.S., 27 Hillmorton Road, Rugby (a former director of Wyleys, Ltd., Coventry), left £29,932 (£29,577 net).

MR. C. E. HATFIELD, 50 Crabtree Lane, Sheffield (late works manager, A. L. Simpkin & Co., Ltd.), left £684 (£610 net).

MR. C. R. MCMULLEN, L.P.S.I., M.P.S.N.I., Campsie, Ballygrainey, Bangor, co. Down, for many years Northern Ireland representative of Fassett & Johnson, Ltd., left £9,992.

MR. C. E. REYNOLDS, M.P.S., 11 Dalby Square, Wollaton Park, Nottingham, left £3,947 (£3,892 net).

# TRADE REPORT

**The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.**

LONDON, APRIL 28: Mainly quiet conditions have prevailed again in the CRUDE DRUGS market during the week. A number of commodities were marked up in price owing to diminution of stocks. News came through that India has placed a ban on the export of *Rauwolfia Serpentina*. So far there is no explanation of the ban, which became effective on April 20, but it may be connected with the considerable interest recently shown in that commodity by the major manufacturing countries—an interest referred to in our report a fortnight ago.

TURMERIC quotations on the spot were nominal while black-brilliant COCHINEAL was threepence per lb. dearer than in the previous week. Block juice LIQUORICE is being quoted 5s. per cwt. more from May 1, whilst demand at the moment appears to exceed supplies. Not only has domestic consumption risen considerably since the derationing of sweets, but demand from abroad has risen with the general easing of import restrictions in many countries. Furthermore the root is becoming scarcer as the ground in which it grew is being cultivated with more profitable crops—cotton in Turkey, vines in Italy, etc. IPECACUANHA and good quality Chinese RHUBARB remain scarce on the spot while a small quantity of new-crop BUCHU has been sold at 2s. 5d. to 2s. 6d. per lb. Sarawak PEPPERS were showing a firmer price trend as this report went to press.

In PHARMACEUTICAL CHEMICALS, TANNIC ACID was reduced by threepence per lb. MERSALYL was quoted dearer by the makers, but the inorganic salts of mercury remain as published two weeks ago. There is a tendency for THEOPHYLLINE and AMINOPHYLLINE to rise as supplies from the Continent become more difficult to obtain. It is understood that Germany has sold much of its production of those chemicals in South American markets recently.

The price of ESSENTIAL OILS of Far-Eastern origin have reacted to the political situation in Indo-China, Chinese PEPPERMINT for shipment advanced by 1s. 7½d. per lb., spot offers being adjusted accordingly. PALMAROSA was marked up substantially and CITRONELLA from Formosa and Java increased by about threepence per lb. PETITGRAIN at 20s. per lb. on the spot was dearer by 2s. LEMONGRASS, BOIS DE ROSE and CASSIA were slightly easier.

## UNITED STATES DRUG AND CHEMICAL REPORT

NEW YORK, APRIL 27: MERCURY was quoted at $228-231 nominal per flask, for domestic delivery against the previous price of $225-229 nominal. Shading of prices in ACETONE finally brought an official half-cent reduction to eight cents per lb., although producers reported that sales had been good with April demand improved over previous months. Competition from imported material brought a five-cent drop in U.S.P. LACTOSE to 24 cents per lb. in drums, while the crude material was available at 15 cents, in bags. MENTHOL values were firmer, with the Brazilian at $5·25 per lb. (up five cents), and the synthetic laevo, $5·45 (30 cents). Stronger among CRUDE DRUGS were Asiatic STYRAX at 88 cents per lb. (up three cents), and PSYLLIUM HUSKS at 42 cents (two cents).

The ESSENTIAL OILS market was quiet. Higher per lb. was DILLWEED at $4·00 (up 15 cents), while LEMONGRASS was down three cents at $1·35.

## Pharmaceutical Chemicals

ACETIC ANHYDRIDE.—Current rates (per ton) include the following: 1-ton (spot or contract over a calendar year) in 90-gall. drums, £130; single carboy, £162; single demijohn, £166.

AMMONIUM CARBONATE. — B.P. lump is £73 5s. per ton; POWDER, £76 5s. BICARBONATE is £48 15s. per ton; all delivered free United Kingdom in non-returnable packages.

AMYLOBARBITONE. — B.P.C. is 65s. per lb. for 1-cwt. lots and SODIUM, B.P.C., 70s. per lb.

BARBITONE.—Rates per lb. for 1-cwt. lots are 25s. 6d. The SODIUM derivative is 6d. per lb. more than the base.

BUTOBARBITONE.—B.P.C. is 70s. per lb. in 1-cwt. lots.

CHALK.—In minimum 1-ton lots powder is £21 and cones, £22 10s. per ton.

CHLOROCRESOL.—Pharmaceutical quality is quoted at 6s. per lb., in 1-cwt. drums.

CHLOROFORM.—1-cwt. lots in winchesters are 3s. 6d. per lb.; 56-lb., 3s. 6½d. In drums, prices are 3s. 4d. and 3s. 4½d.

CINCHOPHEN.—1-cwt. lots are quoted at 21s. per lb.

CYCLOBARBITONE.—B.P.C. and CALCIUM DERIVATIVES in 1-cwt. lots are 65s. per lb.

DICOPHANE (DDT). — Prices are as follows:—1-cwt. lots, 3s. 1d. per lb.; 1-ton, 2s. 10d. Discount for larger quantities.

ERGOTOXINE ETHANESULPHONATE. —Price per gm. for B.P.C. 1949 material is, 1 gm., 125s.; 10 gm., 115s.

HEXOBARBITONE. — B.P. in 1-cwt. lots is 55s. per lb.

IODINE and preparations. — Quotations are as follows:—

| B.P. materials | Per lb. | | Per kilo | |
|---|---|---|---|---|
| | 1-cwt. | 28-lb. | 50 kilos | 12½ kilos |
| | s. d. | s. d. | s. d. | s. d. |
| POTASSIUM IODIDE | 14 4 | 14 10 | 31 7 | 32 8 |
| SODIUM IODIDE .. | 15 10 | 16 4 | 34 11 | 36 0 |
| IODINE, RESUB. .. | 15 10 | 16 4 | 34 11 | 36 0 |
| IODOFORM POWDER | 25 4 | 25 10 | 55 10 | 57 0 |
| IODOFORM CRYSTAL | 28 0 | 28 6 | 61 8 | 62 10 |

The prices of minor iodides in 7-lb. and 1-lb. lots are:— AMMONIUM, 21s., 21s. 6d.; ARSENIC TRI- 47s., 48s.; CADMIUM, 22s., 22s. 6d.; CALCIUM (PLATES), 21s. 6d., 22s.; ETHYL, 27s., 28s.; IRON, 23s., 23s. 6d., LEAD, 22s., 22s. 6d.; LITHIUM, 28s., 28s. 6d.; STRONTIUM, 22s. 3d., 22s. 9d.; ZINC, 27s., 27s. 6d.

MENAPHTHONE. — B.P. is £16 per kilo; ACETOMENAPHTHONE, B.P., £16; WATER-SOLUBLE (menadione sodium bisulphite, U.S.P.), £19 10s. per kilo.

METHYLPHENOBARBITONE'—B.P. is 45s. per lb. (1-cwt. lots).

METHYL SALICYLATE. — In 5-cwt. lots price is 3s. 1½d. per lb.; 1-cwt., 3s. 2d.; 56-lb., 3s. 2½d.

OPIATES.—Home trade rates for 4-oz. up to 7-oz. lots including container (non-returnable) are as follows:—CODEINE.—alkaloid, hydrobromide, iodide, 58s. 6d. per oz. (2,063s. per kilo); hydrochloride, sulphate, 51s. 3d. (1,808s.); phosphate, 44s. 9d. (1,578s.). DIAMORPHINE.—Alkaloid, 60s. 3d. per oz. (2,125s. per kilo); hydrochloride, 54s. 9d. (1,931s.). ETHYLMORPHINE.—Alkaloid, 63s. per oz. (2,222s. per kilo); hydrochloride, 53s. 9d. (1,896s.). MORPHINE. — Alkaloid, bimeconate, tartrate, 60s. 6d. per oz. (2,134s. per kilo); acetate, hydrochloride, sulphate, hydrobromide, 50s. 3d. (1,773s.).

PARALDEHYDE.—Carboy lots of pharmaceutical grade are 1s. 10½d. per lb.

PHENACETIN. — In 5-cwt. lots makers' price is now 6s. 8d. per lb., 1-cwt., 6s. 9d.

PHENYTOIN SODIUM. — Quotations for 1-cwt. lots are 25s. per lb.

POTASSIUM PERMANGANATE. — Rates for B.P. material for 1-cwt. lots is 1s. 8½d. per lb., and for technical, 181s. 6d. per cwt.

QUININE.—Makers' rates (per oz.) for 100-oz. lots and over are as follows:—ALKALOID, 3s. 10d.; ACETYLSALICYLATE, 5s 4d.; BISULPHATE and SULPHATE, B.P. 1932, 2s. 8d.; SULPHATE, B.P. 1948, 3s.; DIHYDROBROMIDE and DIHYDROCHLORIDE, 3s. 10d.; FORMATE, 4s. 8d.; GLYCEROPHOSPHATE, 4s. 5d.; PHOSPHATE, 4s. 4d.; HYDROBROMIDE and HYDROCHLORIDE, 3s. 5d.; SALICYLATE, 3s. 11d.; QUININE and UREA HYDROCHLORIDE, B.P.C., 4s. TANNATE, 2s. 7d.

RIBOFLAVINE. — Price (per kilo) is £41 15s. for 1-kilo and £41 10s. for 100-kilos.

SALICYLIC ACID.—Prices are: 5-cwt. lots in bulk, 2s. 11½d. per lb.; 1-cwt., 3s.; 56-lb., 3s. 7d.

SALOL.—Quotations for B.P.C. are about 9s. per lb. for 1-cwt. lots.

SODIUM ACETATE. — B.P.C. powder in 28-lb. lots is 1s. 9d. per lb.

SODIUM PERBORATE. — Prices (per cwt.) are 142s. 9d. in 1-cwt. kegs; 135s. 3d. in 1-cwt. bags for B.P.C. (minimum 10 per cent. available oxygen). Other strengths pro rata. The PERBORATE MONOHYDRATE testing 15 per cent. available oxygen is 305s. 3d. per cwt.

SULPHATHIAZOLE. — Price (per lb.) for 1-cwt. lots is 21s. 9d.

TANNIC ACID.—Lower. B.P. (ex ether) is now quoted at 4s. 9d. per lb., for 1-cwt. lots.

TARTARIC ACID. — Rates for the home trade are now as follows:—10-cwt. lots, 210s. per cwt.; 5-9-cwt., 212s.; 2-4-cwt., 214s.; 1-cwt., 215s.

TEREBENE. — For 1-carboy lots, 4s. 2d. per lb. is asked. In winchesters, prices are from 4s. 3½d. to 5s. 2d. per lb.

TERPINEOL. — Prices of B.P. grade are from 3s. to 3s. 6d. per lb., as to quantity.

THYMOL.—Prices (per lb.) are 16s. 9d. for 28-lb. and 16s. 3d. for 1-cwt. lots.

ZINC PEROXIDE. — Price (per lb.) for 1-cwt. lots of B.P. is 5s 3d.

## Crude Drugs

ACONITE. — Spanish napellus is 3s. 2d. per lb., duty paid, ex wharf.

AGAR.—*Kobé* No. 1 on the spot is 18s. per lb. Forward, April-May shipment, 16s. 3d., c.i.f., sellers.

ANTIMONY. — English 99.6 per cent., £222 10s.; 99 per cent., £210 per ton.

ARECA NUTS. — Quotations are about 45s. per cwt. for Ceylon material on the spot. Shipment, 42s. 6d., c.i.f.

ASAFŒTIDA.—Persian block is from £10 to £12 per cwt., duty paid, as to quality.

BALSAMS.—Quotations (per lb.) are:—*Canada:* 21s. 6d. to 22s. 6d. spot. *Copaiba,* Para soluble quoted at 13s. per lb. *Peru,* 9s. in bond. *Tolu* (genuine as imported), is 25s., spot, and 25s., c.i.f.

BENZOIN.—Sumatra block No. 1 on the spot is from £30 to £34 per cwt.

BISMUTH METAL.—Minimum rate is 16s. per lb.

CALUMBA. — Ordinary natural sorts are quoted at 90s. per cwt. on the spot.

CAMPHOR. — Chinese (B.P.) powder remains scarce on the spot with offers at 4s. 9d. to 5s. per lb., duty paid. ¼-oz. tablets are 5s. 6d. per lb.; 2½-lb. slabs 4s. 9d. per lb., duty paid. Synthetic powder is 3s. 7d. per lb. for 100-lb. lots.

CAPSICUMS.—East African on stalk are 160s. per cwt., spot. Abyssinian, off stalk, 175s., spot.

CARDAMOMS. — Aleppy greens are from 15s. 6d. to 16s. per lb. on the spot; shipment offers are 13s., c.i.f.

CASCARA SAGRADA.—Offers for shipment are easier at 280s. per cwt., c.i.f. Spot supplies are 325s., duty paid.

CASSIA BARK. — Whole on the spot is about 90s. per cwt., in bond, and for forward delivery, 78s., c.i.f. Broken 78s., in bond, and 66s., c.i.f.

CHAMOMILE. — Belgian flowers are 5s. per lb. on the spot.

CHERRY BARK. — Thin natural is from 1s. 8d. per lb., duty paid, and rossed, 2s. 1d., on the spot.

CHILLIES.—Mombasa are 300s. per cwt. on the spot, and 280s., c.i.f.

CLOVES.—Quiet. Zanzibar on the spot are 4s. 6d. per lb.; prompt shipment, 4s. 1½d., c.i.f.

COCHINEAL. — Black brilliant is 10s. 6d. per lb.

COLOCYNTH.—Good quality pulp on the spot is about 2s. per lb., duty paid.

ERGOT. — Quiet. Portuguese for prompt shipment is 15s. 6d. per lb., c.i.f.

GALANGAL.—For spot material of good quality 90s. per cwt. is asked.

GINGER.—African on the spot is 165s. per cwt. Jamaican No. 3 is 230s.

GUM ACACIA. — Kordofan cleaned sorts on the spot are quoted at 135s. per cwt., with afloat at 125s. April-May shipment, 121s., c.i.f.

KARAYA. — No. 1 gum on the spot is quoted at 200s. per cwt.; No. 2 is 140s.

LIQUORICE.—Natural whole root, spot: Anatolian, 55s. per cwt.; Russian, 40s.; Syrian, 37s. 6d. Block juice quotations are dearer at 200s. per cwt. delivered. Italian stick, from 310s. to 475s. per cwt., duty paid.

MACE. — West Indian pale blade is 9s. per lb.; for shipment, 7s. 10d., c.i.f.

MENTHOL. — Spot. Chinese is about 29s. 6d. per lb., duty paid, and for shipment, 27s. 6d., c.i.f.

MERCURY.—Nominal spot value is from £82 10s. per flask (76-lb.), ex warehouse. Firm.

NUTMEGS. — West Indian 80's quoted at 2s. 8d. per lb. on the spot and 2s. 5½d., c.i.f., for shipment.

ORRIS ROOT.—Offers of Florentine for shipment are from 200s. to 250s. per cwt. c.i.f., as to quality.

PAPAIN.—Spot values for East African grade one are 24s. per lb., and grade two, 21s. Ceylon white for shipment is 23s., c.i.f.

PEPPER.—Market firmer. Sellers of White Sarawak at 5s. 3d. per lb., spot; afloat, parcels at 4s. 10d. to 4s. 10½d., c.i.f. Black Sarawak, 5s., spot; shipment, 4s. 10½d., c.i.f. Black Malabar, 600s. per cwt., spot.

PIMENTO. — Jamaican is quoted on the spot at 4s. 3d. per lb.

PODOPHYLLUM.—*Peltatum* is 336s. per cwt. on the spot. *Emodi* is 140s.

QUASSIA. — Jamaican is 33s. per cwt., c.i.f., nominal.

RHUBARB.—Scarce. Rough round is quoted at 8s. to 8s. 9d. per lb. with Shensi round at 10s. 6d. Wormy from 4s. to 6s.

SAFFRON. — Mancha superior is about 152s. and selecta, 149s. per lb.

SANDARAC.—Moroccan is 12s. 9d. per lb. on the spot.

SARSAPARILLA. — Jamaican native red is 2s. 9d. per lb. on the spot. Forward offered sparingly at about 2s. 6d., c.i.f.

SEEDS. — (Per cwt.): ANISE. — Spot: Cyprian, 167s. 6d.; Bulgarian, 170s., duty paid (155s., in bond). CARAWAY.—Dutch are unchanged at 152s. 6d, duty paid., 115s. quoted, f.o.b., Holland. CELERY. —Indian is 195s. spot and shipment, 145s., c.i.f. CORIANDER.—Market quiet. Spot, 57s. 6d., duty paid (54s., in bond). English, 70s. Shipment, Moroccan old-crop offered at 49s. 6d., c.i.f. CUMIN.—Spot, Cyprian is 125s.; Maltese, 130s.; Moroccan, 127s. 6d., duty paid. Shipment, Cyprian is firm at 125s.; Moroccan, 105s., c.i.f. DILL.—Indian is offering at 90s., spot. FENNEL.—Indian remains weak with 95s. to 105s. quoted on spot. FENUGREEK. —Sellers on spot quoting Moroccan at 47s. 6d., duty paid. MUSTARD.—English 65s. to 85s. according to quality.

SENEGA. — Spot material offered at 16s. 6d.; prompt shipment, 16s., c.i.f., and July-August, 15s. 3d., c.i.f.

SERPENTARIA. — Root is offered at 37s. per lb. on the spot.

SHELLAC. — Spot quotations are:—F.O.T.N. pure, 250s.; F.O. standard No. 1, 265s.; fine orange, 295s. to 335s. per cwt., ex-London warehouse.

SQUILL.—Italian white on the spot is 70s. per cwt. nominal. No. 2 is about 60s., no offers of white from origin.

STRAMONIUM.—Indian LEAVES are 5½d. per lb., spot and European, 97s. 6d. per cwt.

STYRAX.—Spot is 5s. 9d. per lb., duty paid.

TONKA BEANS. — Frosted Para on the spot are scarce at 6s. 6d. per lb. No shipment offers.

TRAGACANTH.—No. 1 ribbon on the spot is £105 per cwt.; No. 2, £85; No. 3, £65.

TURMERIC.—Madras finger on the spot is nominal at 160s. per cwt. April-May shipment quotations are upwards of 115s.

VANILLIN. — Rates (per lb.) are:—5-cwt. lots, 30s.; 1-cwt., 30s. 3d.; 56-lb., 30s. 6d.; smaller quantities, 30s. 9d.

WAXES.—BEES'.—Dar-es-Salaam. Spot, about 485s. per cwt. April-May shipment, 475s., c.i.f.; Sudanese, 430s., in bond and 410s., c.i.f.; Abyssinian, spot, 470s. and shipment 415s., c.i.f. Benguella, 475s. duty paid and 415s., c.i.f. CANDELILLA.—Spot is unchanged at 635s. per cwt. CARNAUBA. —Prime yellow on the spot is 1,000s. per cwt.; shipment, 970s., c.i.f.; fatty grey is 700s., on the spot; shipment, 665s., c.i.f. SPERMACETI.—Case lots are about 1s. 9d. per lb.

## Essential and Expressed Oils

ALMOND.—B.P. is from 6s. to 7s. 6d. per lb., as to quantity.

AMBER.—Rectified on the spot is quoted at from 1s. 6d. per lb.

ANISE.—Spot supplies are unchanged at 9s. 3d. per lb., with shipment offers around 9s., c.i.f.

BAY.—W. Indian is 8s. 6d. to 9s. per lb. on the spot.

BERGAMOT.—Spot value is about 80s. per lb.

BOIS DE ROSE. — Brazilian on the spot is 31s. and 29s. 6d., c.i.f.

CAMPHOR, WHITE. — Chinese is 3s. 6d. per lb., on the spot.

CASSIA.—Original drums are about 9s 6d. per lb. for spot and 9s., c.i.f.

CHENOPODIUM.—1-cwt. lots are 52s. 6d. per lb.

CINNAMON. — B.P. oil on the spot is quoted at from 60s. per lb. English bark oil is offered from 23s. per oz. Ceylon leaf is 9s. per lb. nominal.

CITRONELLA. — Quiet. Prices (per lb.) are:—Ceylon, spot, 3s. 11d. per lb.; shipment, 4s. 2d., c.i.f.; Java, 6s. 3d., duty paid; shipment, 5s. 7d., c.i.f.; Formosa, 6s., duty paid, and 5s. 7d., c.i.f.

DILL. — B.P. English-distilled oil is quoted at 60s. per lb. Imported oils are offered at from 32s. 6d. per lb.

EUCALYPTUS.—Australian 70 to 75 per cent. eucalyptol on the spot is 4s. 10½d. per lb., and 80 to 85 per cent., 5s. 3d. Spanish, 70 to 75 per cent., 4s. 6d., duty paid.

FENNEL.—Spanish sweet on the spot is quoted from 9s. 6d. per lb.

GARLIC.—English is from 55s. to 60s. per oz.

GERANIUM. — Bourbon is 80s. per lb. on the spot. Shipment, 77s. 6d., c.i.f.

GINGER. — English-distilled oil is from 120s. per lb. Imported oils are available at from 80s. to 90s. per lb.

LEMONGRASS.—East Indian is easier at 9s. 3d. per lb. on the spot with forward offers (April-May), 9s., c.i.f., July-August, new crop, 8s. 6d.

NUTMEG. — English-distilled oil is from 42s. 6d. to 44s. per lb. Imported oil is offered at 23s. 6d. per lb., duty paid for drum lots.

ORANGE.—Spot offers for sweet vary between 8s. and 10s. 6d. per lb. as to quality. West African, new crop is quoted at 8s. 9d., c.i.f. Californian sweet, 6s., c.i.f., and cold-pressed U.S.P., 9s. 3d., c.i.f., subject to licence.

OTTO OF ROSE.—Anatolian is offered on the spot at 300s. per oz., and Bulgarian, 480s. ex warehouse.

PALMAROSA. — Firm. East Indian is 57s. 6d. per lb., on the spot, and 56s. 6d., c.i.f., for prompt shipment.

PATCHOULI. — Penang for shipment is 47s. 6d. per lb., c.i.f. with spot offers at 55s., duty paid.

PEPPERMINT.—*Arvensis:* Firm. Chinese is now 19s. per lb., spot, and 18s. 9d., c.i.f. April-May shipment: Brazilian (45 per cent.), 17s. spot with forward nominal. Italian "Mitcham" type oil is from 47s. 6d. to 52s. 6d. per lb. on the spot.

PETITGRAIN.—Dearer. Paraguay on the spot is now 20s. per lb., and for June-July shipment 19s., c.i.f. is quoted.

ROSEMARY. — Spanish oil on the spot is about 5s. 9d. per lb., duty paid, for B.P. quality.

SANDALWOOD. — Mysore is 67s. to 68s. 6d. per lb.

SASSAFRAS.—Brazilian is 6s. per lb., spot.

VETIVERT. — Bourbon in original drums on the spot is 92s. 6d. per lb.

# COMING EVENTS

**Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.**

## Sunday, May 2

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Welbeck Hotel, Nottingham, at 9.30 a.m. National council meeting.

## Monday, May 3

BRITISH INDUSTRIES FAIR, Olympia and Earls Court, London, W.14, and Castle Bromwich, Birmingham. Open until May 14 (9 a.m. to 6 p.m.).

LONDON SECTION, SOCIETY OF CHEMICAL INDUSTRY, Burlington House, Piccadilly, London, W.1, at 6.30 p.m. Annual meeting.

MANCHESTER BRANCH, GUILD OF PUBLIC PHARMACISTS, St. Mary's Hospital, Whitworth Street, Manchester, at 6 p.m. Meeting to discuss report on branch delegates meeting.

## Tuesday, May 4

SOUTH-EAST LONDON CHEMISTS' ASSOCIATION and SOUTH-EAST METROPOLITAN BRANCH, New Cross Inn, 323 New Cross Road, London, S.E.14, at 8 p.m. Annual meeting.

WEST HAM ASSOCIATION OF PHARMACISTS, Church Institute, 27 Romford Road, Stratford, London, E.15, at 8.30 p.m. Annual meeting.

## Wednesday, May 5

STUDENTS' UNION, SCHOOL OF PHARMACY, LONDON UNIVERSITY, Victoria Halls, Bloomsbury Square, London, W.C.1, at 7 p.m. Sessional dance.

## Thursday, May 6

LEEDS BRANCH, NATIONAL PHARMACEUTICAL UNION, Hotel Metropole, Leeds, at 7.30 p.m. Address by Mr. H. Noble (secretary, N.P.U.).

LIVERPOOL CHEMISTS' ASSOCIATION and BRANCH, Adelphi Hotel, Liverpool. At 7.30 p.m., association annual meeting. At 8 p.m., Branch annual meeting.

MICROBIOLOGY GROUP, SOCIETY OF CHEMICAL INDUSTRY, experimental station, Porton, near Salisbury, Wilts, at 11 a.m. Papers on bacterial culture and growth followed by tour of laboratories.

## Friday, May 7

CHEMICAL SOCIETY, Senate House, University of London, at 6.30 p.m. Reception and conversazione. Exhibits of current chemical interest and scientific films. Ticket 7s. 6d. from the secretary of the Society, Burlington House, London, W.1.

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Y.W.C.A. room, 18 Slater Street, Liverpool, at 7.15 for 7.45 p.m. Annual meeting.

MICROCHEMISTRY GROUP, SOCIETY FOR ANALYTICAL CHEMISTS and LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, the University, Reading, at 6.15 p.m. Joint meeting on "Microchemical Methods in Biochemistry."

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION and BRANCHES, PHARMACEUTICAL SOCIETY and NATIONAL PHARMACEUTICAL UNION, Town Hall, Lambeth, London, S.W.2, at 7.45 p.m. Annual meeting.

WOLVERHAMPTON CHEMISTS' ASSOCIATION, Chamber of Commerce, Wolverhampton, at 7.30 p.m. Meeting.

## Saturday, May 8

SOCIETY FOR ANALYTICAL CHEMISTRY, lecture theatre, Technical College, Newport, Mon, at 12 noon. Inaugural meeting of the Western Section. Dr. D. W. Kent-Jones (president of the Society) on "Alcohol Determination and its Medico-Legal Aspects."

# TRADE MARKS

**APPLICATIONS ADVERTISED BEFORE REGISTRATION**

**From the "Trade Marks Journal," April 7**

*For pharmaceutical preparations* (5)
DIAZILLINE, 718,673, by Cilag, A.G., Schaffhausen, Switzerland. IMBAL, 724,573, by Gedeon Richter (Great Britain), Ltd., London, N.W.5. PRIMODIAN, 726,683, by Schering, A.G., Berlin, Germany. TETRITOL, 726,935, by Evans Medical Supplies, Ltd., Liverpool.

*For medicated eye lotions* (5)
EYELO, 724,662, by Rexall Drug Co., Ltd., Nottingham.

*For insecticides* (5)
BRONOX, 726,159, by Pest Control, Ltd., Bourn, Cambs.

*For synthetic resins for making artificial parts of animal or human bodies* (5)
PALAVIT, 726,860, by Kulzer & Co., Friedrichsdorf, Germany.

*For pharmacentical, veterinary and sanitary substances* (5)
CILAG 61, 727,063, by Cilag, A.G., Schaffhausen, Switzerland.

*For injectable pharmaceutical preparations containing amines* (5)
TRILLEKAMIN, 727,222, by Crookes Laboratories, Ltd., London, N.W.10.

*For scientific apparatus and instruments* (9)
ALSINT, PYTHAGORAS, 726,971 and 973, by W. Haldenwanger, Berlin-Spandau, Germany.

*For hair nets made of human hair* (26)
CORA, B725,408, by Alan Henry Francis, London, E.C.3.

*For hair fasteners* (26)
STARLITE, 727,277, by T. E. Linnet Startin, Ltd., Birmingham.

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**A=Advanced; I.R.P.=Inclusive Retail Price; *=Tax 25 per cent.; †=Tax 75 per cent.**

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Eschatin 5665, 10-c.c. bottle — 47 6 *A*

## P.A.T.A. PROTECTED LIST

**(Prices notified this week by the Proprietary Articles Trade Association).**

**R. DEMUTH, LTD.** (additions)

| | | | |
|---|---|---|---|
| Perfumes: Contraband†, Memento†, Saga† and White Lies†, handbag size (2-c.c.) | Doz. 16 0 | 3 0 | |
| Boudoir size (2-drachm) | 36 0 | 6 9 | |
| 1-oz. size | 151 0 | 28 6 | |

**GLAXO LABORATORIES, LTD.** (additions)

| | | | |
|---|---|---|---|
| Dionosil 20-c.c. vial | 144 0 | 16 0 | |
| Dionosil oily 20-c.c. vial | 144 0 | 16 0 | |
| | Each | | |
| Intradex (salt-free) | 25 0 | 33 4 | |
| with glucose, 540 c.c. | 29 6 | 39 4 | |
| Intradex, 540 c.c. | 25 0 | 33 4 | |

**MAX FACTOR HOLLYWOOD & LONDON (SALES), LTD.** (addition)

| | | | |
|---|---|---|---|
| | Doz. | | |
| Creme Puff compact† | 42 0 | 7 9 | |
| refill† | 27 0 | 4 11 | |

**MULTIPAX CHEMICALS, LTD.** (addition)

| | | | |
|---|---|---|---|
| Aluhyde tablets, 50 | 48 0 | 6 0 | |
| dispensing pack of 500 | 30 0 | 45 0 | |

**NEW ERA LABORATORIES, LTD.** (addition)

| | | | |
|---|---|---|---|
| N.E.T.C.O. 444 pills* | 27 0 | 3 7 | |

**PARKE, DAVIS & COMPANY, LTD.** (additions)

| | | | |
|---|---|---|---|
| Ambodryl capsules, 25 mgm., 25 | 32 0 | 4 0 | |
| 250 | 280 0 | 35 0 | |
| elixir (No. 225) 4 oz. | 28 0 | 3 6 | |
| 16 oz. | 100 0 | 12 6 | |
| Carbrital elixir (No. 221) 4 oz. | 44 0 | 5 6 | |
| 16 oz. | 160 0 | 20 0 | |
| Caladryl cream*, tube | 28 0 | 4 1 | |
| Mercloran tablets (CT 866), 25 | 64 0 | 8 0 | |
| Mercordan ampoules, 1 c.c., 6 | 80 0 | 10 0 | |
| 1 c.c., 12 | 148 0 | 18 6 | |
| 2 c.c., 12 | 200 0 | 25 0 | |
| rubber-capped 10-c.c. vial | 108 0 | 13 6 | |

**RONA LABORATORIES, LTD.** (additions)

| | | | |
|---|---|---|---|
| Argotone penicillin nasal drops | 59 2 | 7 4½ | |
| Gluticarb charcoal granules*, 3 oz. | 36 0 | 4 9 | |
| 9 oz. | 90 0 | 11 10½ | |
| Deltamin tablets*, tube (tax-free dispensing pack also available). | 18 0 | 2 4½ | |

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| Throat specific* | 12 8 | 1 9 | *A* |
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| Cough linctus* | 12 8 | 1 9 | *A* |
| family size | 21 8 | 3 0 | *A* |
| Children's cough linctus* | 12 8 | 1 9 | *A* |
| Diabetic linctus* | 15 0 | 2 2 | *A* |

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| Roundworm capsules, green spot* | 7 6 | 1 0 | *A* |
| red spot* | 11 3 | 1 6 | *A* |
| yellow spot* | 15 0 | 2 0 | *A* |
| Canker lotion capsules* | 14 8 | 1 11 | *A* |
| powder*, puffer tin | 16 2 | 2 2 | *A* |
| Golden eye ointment* | 13 6 | 1 9 | *A* |
| Skincure* | 18 0 | 2 4½ | *A* |
| Sulpho* | 18 0 | 2 4½ | *A* |

**WESTMINSTER LABORATORIES, LTD.** (additions)

| | | | |
|---|---|---|---|
| Kipak liquid* | 20 0 | 2 10 | |
| W.L. tablets*, 6 | 2 6 | 4½ | |
| 25 | 8 3 | 1 3 | |
| 50 | 11 6 | 1 9 | |
| 110 | 21 0 | 3 1 | |

## NEW PRODUCTS AND PACKS

**BIOREX LABORATORIES, LTD.**

| | | |
|---|---|---|
| | Doz. | |
| Biofergate B elixir, 8 fl. oz. | 64 0 | 8 0 |
| | Each | |
| 80 fl. oz. | 42 0 | |
| | Doz. | |
| Biorub*, 2 oz. | 24 8 | 3 3 |
| | Each | |
| 1 lb. | 10 4 | |

**BRITISH PATENT PERFORATED PAPER CO., LTD.** (correction)

| | | |
|---|---|---|
| Bronco interleaved toilet paper | 1 | 1 |

**BURROUGHS WELLCOME & CO.**

| | | |
|---|---|---|
| Marzinc*, tube of 10 | 3 | 0 |
| bottle of 100 | 23 | 9 |

**CHESEBROUGH MANUFACTURING CO., LTD.**

| | | |
|---|---|---|
| | Doz. | |
| Vaseline hand cream† | 10 8 | 2 0 |

**DECLON SPONGES, LTD.**

| | | |
|---|---|---|
| Declon nursery sponge* | 13 0 | 1 11 |

**ALFRED FRANKS & BARTLETT CO., LTD.**

| | | |
|---|---|---|
| Satin Foam powder puff | 1 | 3 |
| | 1 | 6 |

**G. T. FULFORD CO., LTD.** (correction)

| | | |
|---|---|---|
| Handjoy† | 13 0 | 2 6 |

**S. MAW, SON & SONS, LTD.** (from May 31)

| | | |
|---|---|---|
| Arthigan cream | 12 | 3 |

**MORNY, LTD.**

| | | |
|---|---|---|
| Bath salt tablets, 12 | 5 | 5 |
| Lavender talcum powder, 3 oz. | 3 | 4½ |
| Lavender soap discs | 1 | 9½ |

**PARKE, DAVIS & CO., LTD.**

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|---|---|---|
| Arecoline and chloretone capsules veterinary*, 4315, tube of 10 | 2 | 3 |

**PROMEDICO PRODUCTS, LTD.**

| | | |
|---|---|---|
| Profol solid fuel cooker | 3 | 0 |
| extra tablets, 20 | 2 | 0 |
| Promol moth rings, packet of 8 | | 6 |

**RICHARDSONS, LEICESTER, LTD.**

| | | |
|---|---|---|
| Skrip, 4-oz. bottle | 8 | 0 |

**ROBERTS WINDSOR SOAP CO., LTD.**

| | | |
|---|---|---|
| White Windsor soap: doublet bar | 1 | 2 |
| handy size tablet | | 3 |
| large tablet | | 6 |

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| | Each | |
| Pamine tablets, 2.5 mgm., 100 | 25 4 | |
| Kaopectate*, 10-oz. bottle | 4 6 | |

**VACCO, LTD.**

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|---|---|---|
| Penotrane applicator set | 7 | 3 |
| disposable vaginal applicators, 50 | 6 | 3 |

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1. Practitioner, 171: 367 (Oct.) 1953

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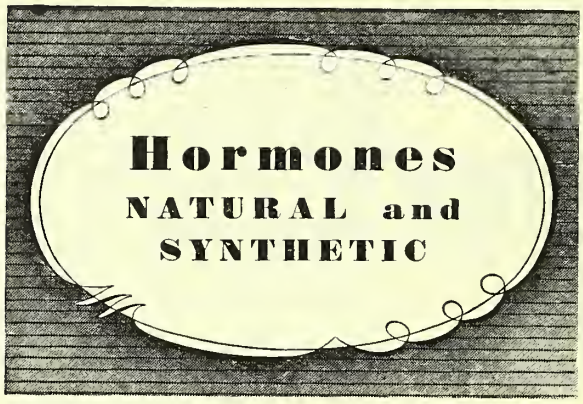


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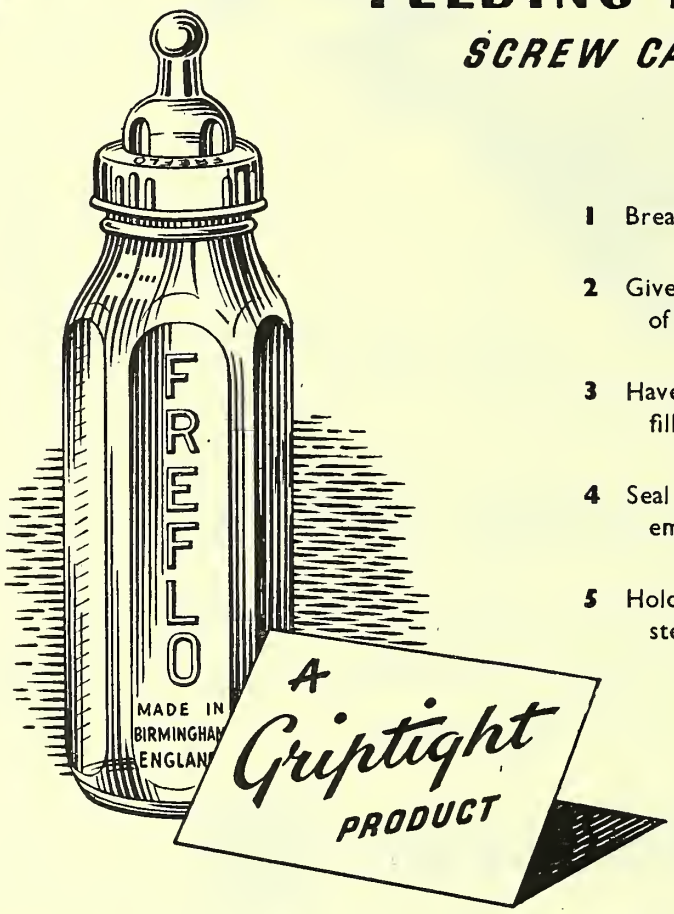


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2 Give an uninterrupted flow of milk.

3 Have a wide mouth for filling.

4 Seal hermetically, filled or empty.

5 Hold teat covered and sterile when not in use.

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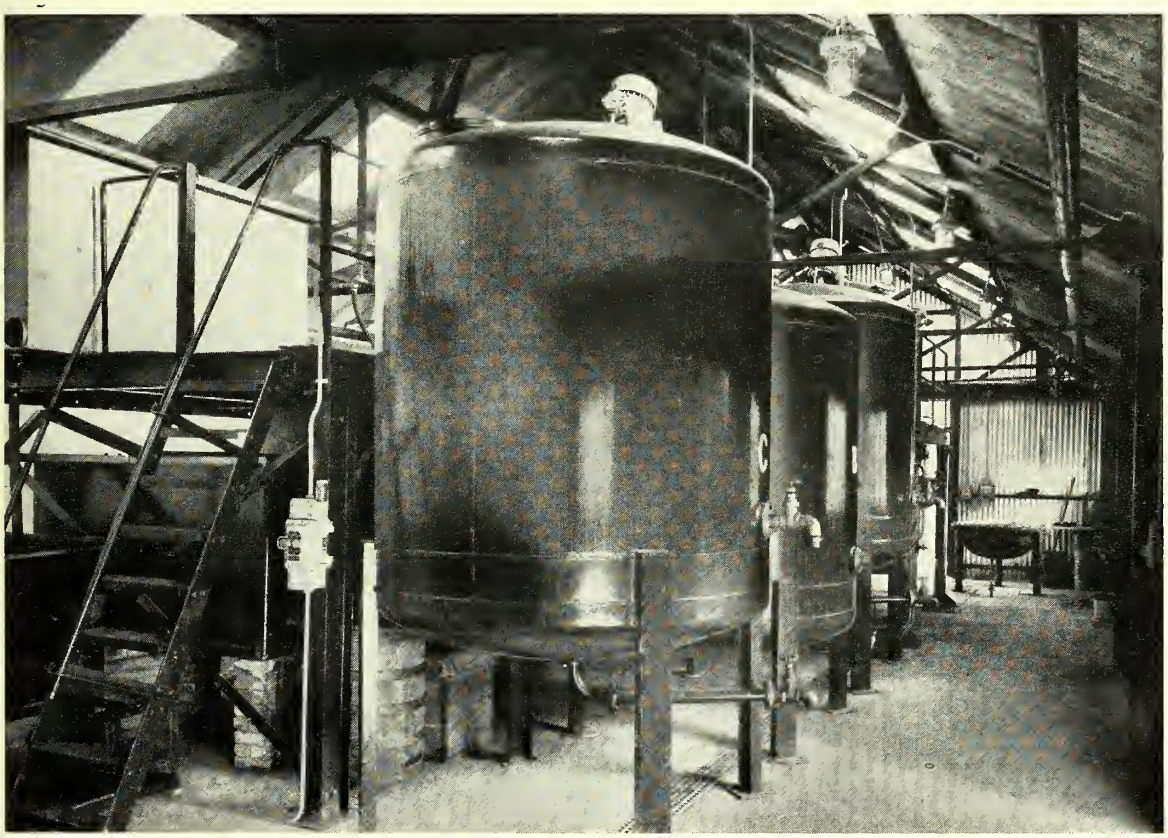

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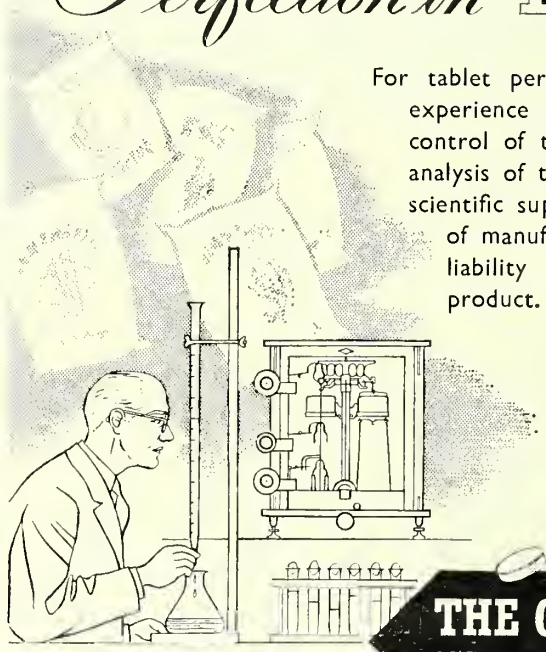

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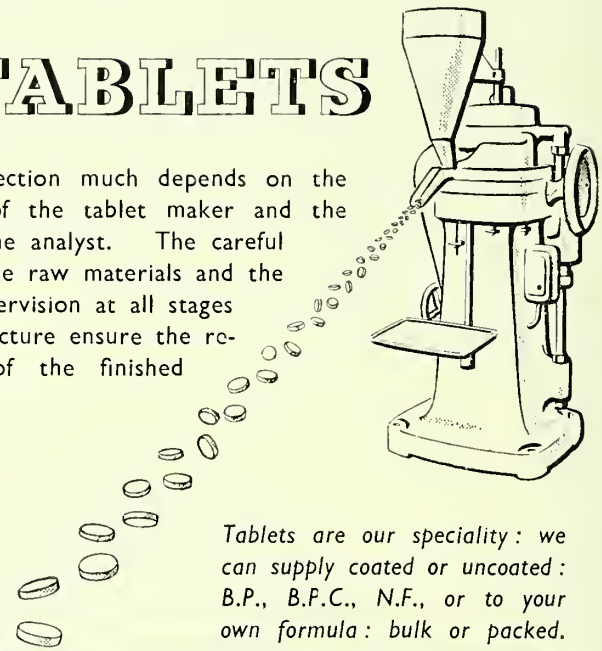

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The CHEMIST AND DRUGGIST

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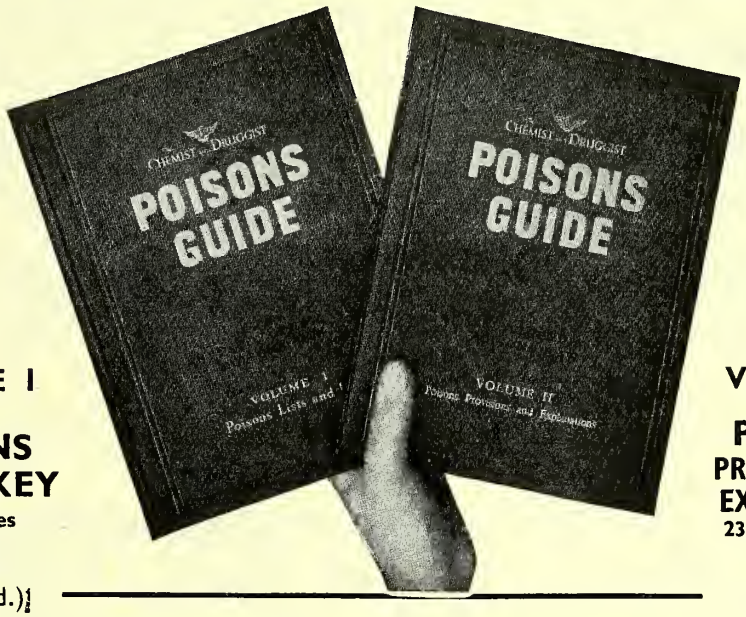


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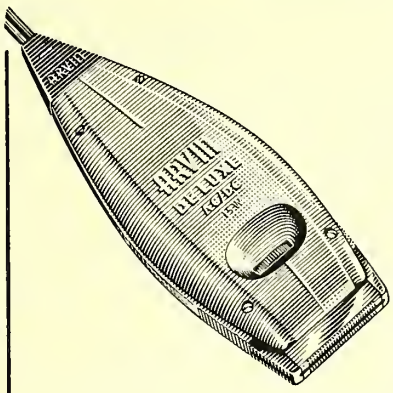


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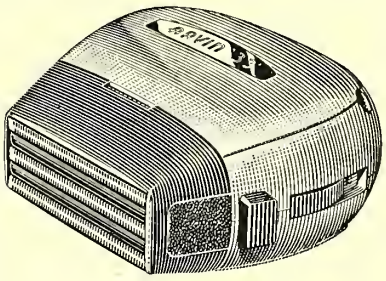


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***So display the shavers and leaflets and keep them on display!***

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*To introduce*

**NURSE HARVEY'S BABY POWDER**

*the powder containing pure*

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*we are embarking on a strong campaign in the women's magazines, reaching over eight million readers*

EVERY MOTHER IN THE COUNTRY WILL KNOW ABOUT THIS OLIVE OIL BABY POWDER!

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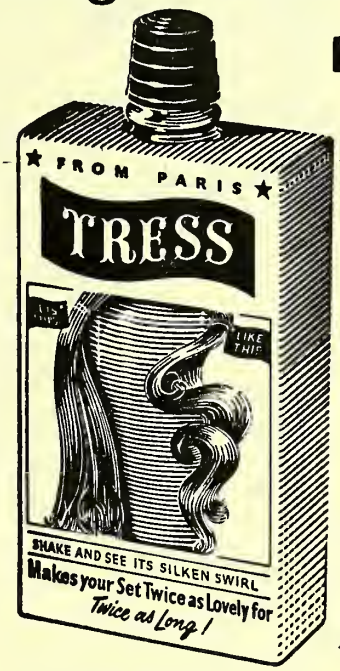

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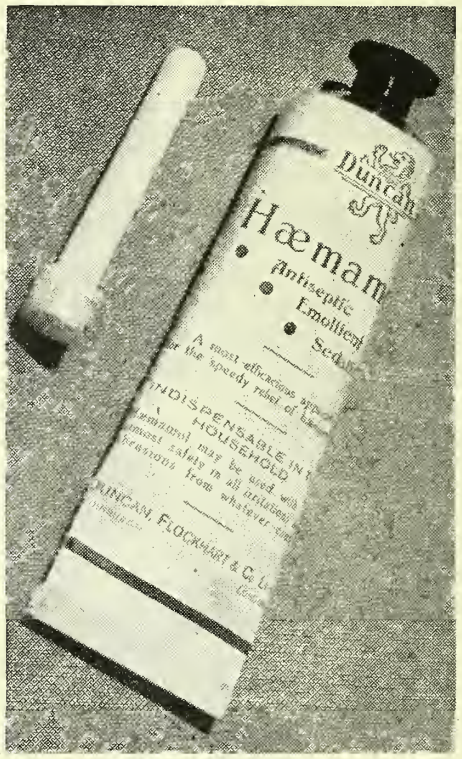


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## Carbonate *FOR DYSPEPSIA*

★ **PROTECTIVE**

Bismuth Carbonate becomes evenly distributed over the gastric mucosa and protects an ulcer crater from acid and trauma.

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Bismuth Carbonate reacts with HCl to form Bismuth oxychloride which adsorbs and entraps a further volume of acid.

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Bismuth combines with protein to form a proteinate which may be responsible for the mild astringent properties of Bismuth Carbonate.

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Clinical trials covering over 700 cases each followed up for over 2 years have shown Bismuth Carbonate to be the treatment of choice in cases of dyspepsia.

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The combination of bile salts and pancreatic enzymes in FELOPAN stimulates normal peristalsis and readily relieves chronic constipation. The two forms of FELOPAN—with and without mild laxatives—provide the complete treatment for breaking the cathartic habit and correcting intestinal indigestion.

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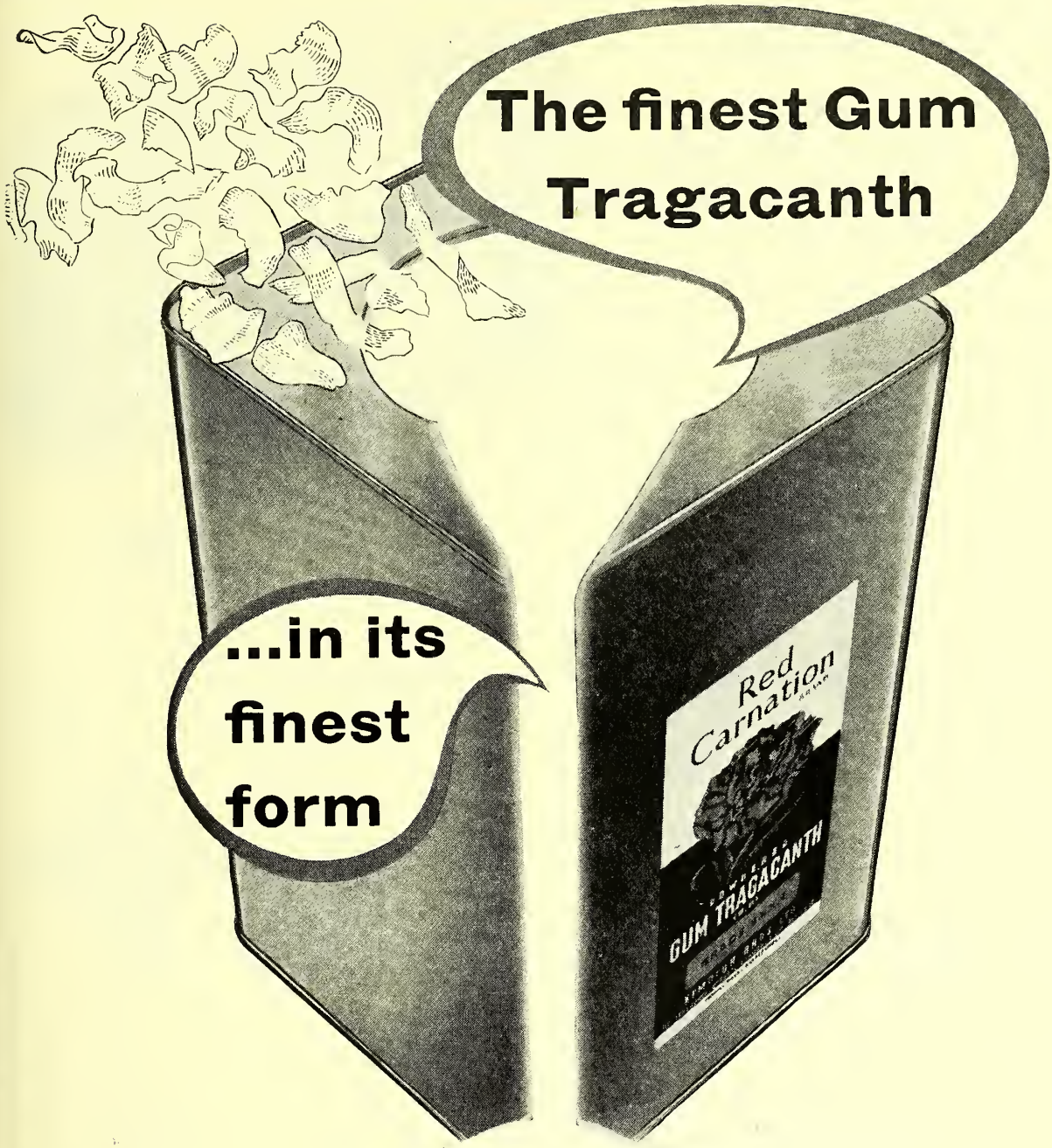


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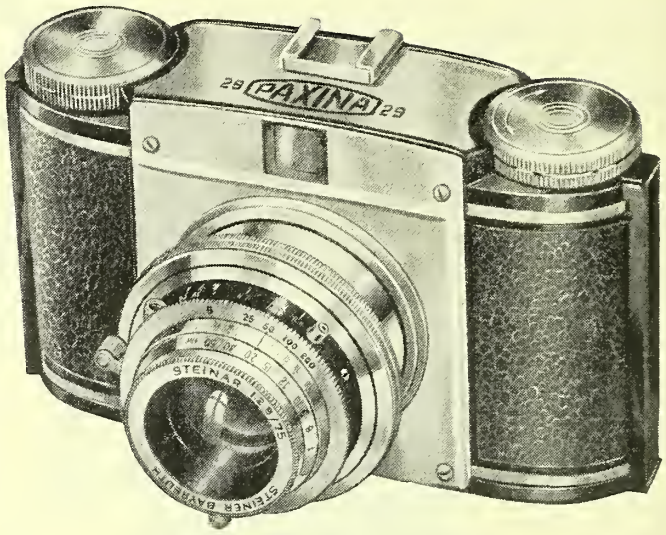


This new Paxina is a fine example of camera craftsmanship, smart, modern, and with a remarkable specification. Takes 12 2¼ in. × 2¼ in. pictures on size 20 roll film, f/2.9 anastigmat lens and flash synchronised Pronto shutter. Speeded B. 1/25th, 1/50th, 1/100th and 1/200th sec. and delayed action device. Cable release socket. Modern telescopic lens extension. Optical viewfinder, rangefinder shoe. Strong die-cast body, leather covered, with smart chrome trim and excellent finish in all details. Tripod bush.

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*We recommend Ferrania P3 or S2 Superpanchro film for Paxina 29*

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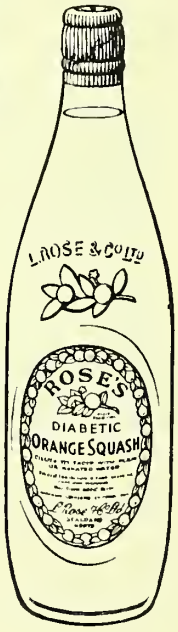


Made specially without added sugar, ROSE'S Diabetic Fruit Drinks provide a pleasant form of refreshment for patients on sugar-free diets.

ROSE'S Diabetic Lime Juice costs 3/6 a bottle; Fruit Squashes—Orange or Lemon—cost 3/-

**Rose's**

**DIABETIC FRUIT DRINKS**

*FROM LEADING CHEMISTS*

THE NATION'S SUPER-SALESMAN SAYS:

# "The KUB Shaver has a splendid head for business!"

Chilton Electric Products Ltd. are using the RADIO TIMES to feature the KUB SHAVER with its exclusive head. Each copy of the RADIO TIMES has a nine-days active life, and roughly six out of every ten men, young and old, who pass your shop will see the above advertisement. So will their womenfolk, probably looking for birthday or other presents! The obvious thing to do is to show a KUB SHAVER display in your window. Retailers have proved that a window or counter tie-up with advertisements in the RADIO TIMES is good business.

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**DRUG, SURGICAL** and photographic old established business. Busy main road (bus stop). S.E. London. No opposition. Exceptional opportunity for converting into pharmacy. Living accommodation. Lease or freehold. Price £2,500, s.a.v. Box C 1218.

**LEICESTER.** Attractive pharmacy situated main road in pleasant modern suburb. Well-established. Steady turnover. Moderate N.H.S. Gross profit £30 weekly. Low overheads. Rates £30 per annum. Kodak, Yardley. Several profitable own name packs. Nice living accommodation, 5 rooms, bathroom and two toilets. Price, including freehold, £3,600 plus stock. Apply Box C 1187.

**SMALL DRUG STORE.** For sale, London. Freehold property, comprising shop, six rooms and fittings. Situated main road. Suit energetic person or dispenser. Price inclusive £2,250 s.a.v. (approximately £300). Apply Box C 1216.

**WELL-KNOWN FIRM** of chemists' sundriesmen in Midlands for sale as going concern owing to ill-health. Large connection. Inquiries in first instance to Box C 1161.

**WHOLESALE CHEMISTS' SUNDRIES** business (Limited Company), majority shares for disposal. Excellent record and future prospects. Situate N. East Coast town. Present Man: Director will hand over control, pending eventual retirement, figure around £4,500. Box C 1214.

## PREMISES TO LET

**THURROCK URBAN DISTRICT COUNCIL. SHOPS TO LET**

Offers are invited for the lease of one shop at each of their Housing Estates at Corringham and Chadwell St. Mary, Essex, from the trade of chemist and druggist. Flat above available to lessee. Form of offer can be obtained from the Clerk of the Council, Council Offices, Whitehall Lane, Grays, Essex. Offers on these forms must be received by noon, May 10, 1954. C 6898.

## APPOINTMENTS

**18/- per half-inch (min.) and pro rata. Box 2/-**

### HALIFAX AREA HOSPITALS MANAGEMENT COMMITTEE
**Assistant in Dispensing**

Applications invited for post of Assistant in Dispensing at the Royal Halifax Infirmary. Preference will be given to candidates possessing the Certificate of Society of Apothecaries or equivalent qualification. Salary £320 rising to £415 per annum at age of 22 and over with additional £15 per annum for recognised qualification. Applications with names and addresses of two persons to whom reference may be made, to be forwarded to the Group Secretary, Royal Halifax Infirmary, Halifax. C 6846

### LUTON AND DUNSTABLE HOSPITAL
**Pharmacist**

required for duty in the Pharmaceutical Department at the Luton and Dunstable Hospital. This is an interesting post in a modern department of a very busy general hospital, and would suit a newly qualified pharmacist. Whitley Council salary scale and service conditions. Apply to Assistant Secretary, Luton and Dunstable Hospital. C 6913

### LUTON AND DUNSTABLE HOSPITAL and ST. MARY'S HOSPITAL, LUTON
**Locum Pharmacist**

required for duty at the Luton and Dunstable Hospital and St. Mary's Hospital, Luton, during the months of June, July and August. Salary not less than eleven guineas per week. Apply to Assistant Secretary, Luton and Dunstable Hospital. C 6912

### NOTTINGHAM NO. 1 HOSPITAL MANAGEMENT COMMITTEE
**Senior Pharmacist (Category V)**

Applications are invited for the appointment of Senior Pharmacist (female) at the General Hospital, Nottingham, to commence duties mid-July next. Salary and conditions of service in accordance with the Pharmaceutical Whitley Council regulations. Salary £525 x £25—£625 plus extra qualification allowance where applicable.

Applications stating age, qualifications and experience, together with names of two referees to be sent as soon as possible to the Secretary, General Hospital, Nottingham. C 6879

### NOTTINGHAM NO. 1 HOSPITAL MANAGEMENT COMMITTEE NOTTINGHAM AND MIDLAND EYE INFIRMARY
**Chief Pharmacist, Category II**

Applications are invited for the appointment of Chief Pharmacist (non-resident) at the above Hospital, to commence duties mid-June next. Salary and conditions of service in accordance with the Pharmaceutical Whitley Council Regulations. Salary £625 x £25—£725.

Applications giving full particulars, together with copies of three recent testimonials, to be sent as soon as possible, to the Secretary, General Hospital, Nottingham. C 6875

### QUEEN CHARLOTTE'S & CHELSEA HOSPITALS

QUEEN CHARLOTTE'S MATERNITY HOSPITAL, Goldhawk Road, London, W.6.
**Long Term Locum Pharmacist (female)**

Salary 12 guineas per week. Full board and lodging available if required for which an appropriate deduction will be made. Applications to the Secretary. C 6926

### ROYAL FREE HOSPITAL NORTH WESTERN BRANCH, LAWN ROAD, HAMPSTEAD, N.W.3
**Locum Chief Pharmacist**

required for the period June 21 to July 3. Salary 16 gns. per week. Applications should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1. C 6893

### ROYAL FREE HOSPITAL
**Pharmacist**

Applications are invited for the post of Pharmacist at this hospital. There are excellent opportunities for a young pharmacist to gain experience in hospital pharmacy and consideration will be given to applications from students who have served an apprenticeship and will be taking the Degree or Qualifying Examination this summer. Salary in accordance with Whitley Council Scale. Applications, with names of two referees, should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, W.C.1. C 6872

### ROYAL FREE HOSPITAL
**Assistant-in-Dispensing**

Applications are invited for the post of Assistant-in-Dispensing. Salary in accordance with Whitley Council Scale. Applications, with names of two referees, should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, W.C.1. C 6871

### ROYAL INFIRMARY, SUNDERLAND
**Pharmacist**

required for the Royal Infirmary with service at the Children's Hospital. Salary £450 x £25—£575, if aged 23 or over; Whitley Council conditions.

Apply immediately, naming two referees, to the Hospital Secretary, Royal Infirmary, Sunderland. C 6896

### RUSH GREEN HOSPITAL, ROMFORD, ESSEX (301 Beds)
**Chief Pharmacist**

Applications are invited from suitably qualified candidates for the appointment of CHIEF PHARMACIST (Category II), vacant from May 3, 1954. Whitley Council salary £625 x £25—£725 a year, plus London weighting, and conditions of service.

Applications stating (in order) age, qualifications, present appointment and experience and names of two referees should be forwarded to the Group Secretary, Romford Group H.M.C., Oldchurch Hospital, Romford, as soon as possible. (Hospital can be seen by arrangement with Medical Superintendent. Tel. Romford 7711). C 187

### ST. AUGUSTINE'S HOSPITAL, CHARTHAM DOWN, NR. CANTERBURY
**Assistant in Dispensing**

(male or female) required. Salary scale £320 to £415 p.a. plus £15 p.a. for Certificate of Apothecaries or equivalent. (A lower salary applies until 22 years of age). Resident accommodation available for female assistant. Apply, giving age, experience and names of two referees, to Secretary, St. Augustine's Hospital, Chartham, nr. Canterbury. C 6911

### ST. GEORGE'S HOSPITAL, HYDE PARK CORNER, LONDON, S.W.1
**Pharmacist**

Applications are invited for the post of pharmacist at above teaching Hospital. Salary in accordance with the Pharmaceutical Whitley Council scale. Applications, with full particulars, to: Chief Pharmacist. C 6897

*Appointments—Continued*

## ST. BARTHOLOMEW'S HOSPITAL, E.C.1

**Locum Pharmacists**

Immediate vacancies exist for locum pharmacists at St. Bartholomew's Hospital, E.C.1, until the end of September. Wage £12 12s. per week. Write enclosing copies of testimonials to the Chief Pharmacist. C 6869

## ST. LEONARD'S HOSPITAL, NUTTALL STREET, LONDON, N.1

**Pharmacist**

Applications are invited for the post of Pharmacist, vacant due to increase in establishment. Applications with names of two referees to Hospital Secretary by May 8, 1954. C 6870

## ST. LUKE'S HOSPITAL, BRADFORD

**Pharmacist**

required, General and Maternity Hospital (Category V). Whitley Council salary and conditions. Apply Hospital Secretary. C 6880

## SOUTH MANCHESTER H.M.C., WITHINGTON HOSPITAL, MANCHESTER, 20

**Locum Pharmacist**

Applications are invited for the post of Locum Pharmacist at the above Hospital for the period May 31 to September 18, 1954. Applicants who can only give their services for a part of this period will be considered. Salary £13 13s. per week. Applications to be forwarded to the Administrative Officer giving details of age and experience within 7 days of the appearance of this advertisement. C 6916

## SUNDERLAND TECHNICAL COLLEGE

Principal: D. A. WRANGHAM, M.Sc. (Lond.), Sen.WH.Sc., D.I.C., A.C.G.I., M.I.Mech.E.

APPLICATIONS are invited for the following posts in the Pharmacy Department.

1. *Lecturer in Microbiology*

Candidates must be graduates in Pharmacy or Bacteriology.

Preference will be given to candidates having research or industrial experience.

The successful candidate will be required to teach Microbiology and related aspects of Pharmaceutics up to the standard required for the Bachelor of Pharmacy (Hons.) Examination of the University of London. He will also be required to undertake research work for which excellent facilities are available.

Salary will be in accordance with the Burnham (Technical) Scale for Lecturers:—

Men ... £940 x £25 to £1,040 per annum
Women ... £752 x £20 to £832 per annum

2. *Assistant Lecturer in Pharmaceutical Subjects*

Candidates must be graduates in Pharmacy or Chemistry.

Industrial, research or teaching experience will be an advantage but not a necessity.

The successful candidate will be required to assist in the teaching of Pharmaceutics and will be encouraged to undertake research work.

Salary will be in accordance with the Burnham (Technical) Scale for Assistant Lecturers Grade B:—

Men ... £490 x £25 to £765 per annum plus allowances of up to £104 for degree and training. Additional allowances may be made for experience.

3. *Demonstrator in Pharmaceutical Subjects*

Candidates should have a qualification of the Pharmaceutical Society or a Degree in Pharmacy and be desirous of continuing their studies.

The successful candidate will be required to assist in the teaching of practical classes.

Salary ... £415 per annum

In each case, the successful candidate will be required to commence duties on September 1, 1954, or as soon after as possible.

Further particulars and Forms of Application may be obtained from the Registrar, The Technical College, Sunderland, co. Durham.

Applications should reach the undersigned within fourteen days of the appearance of this advertisement.

Canvassing will be a disqualification.

W. THOMPSON,
*Director of Education.*

Education Offices,
15 John Street,
Sunderland,
co. Durham. C 6909

## SHREWSBURY GROUP 15 HOSPITAL MANAGEMENT COMMITTEE, ROYAL SALOP INFIRMARY, SHREWSBURY

**Assistant in Dispensing**

Applications are invited for the post of Assistant in Dispensing at the above hospital, with sessional duties at other hospitals in the Group.

Salary will be in accordance with Whitley Council Scales.

Applications should be sent to the undersigned from whom any further particulars may be obtained.

J. P. MALLETT,
*Group Secretary.*

Royal Salop Infirmary,
Shrewsbury. C 6908

## THE HOSPITAL FOR SICK CHILDREN, GREAT ORMOND STREET, LONDON, W.C.1

**Pharmacist**

Applications are invited for the post of pharmacist at this hospital. Salary within the Pharmaceutical Whitley Council Scale (£450 x £25—£525) plus London Weighting, £25 for recognised higher qualification. Apply by letter to Chief Pharmacist. C 166

## THE LONDON HOSPITAL, WHITECHAPEL, LONDON, E.1

**Pharmacist**

Applicants must be registered Pharmacists. Salary scale £450 (age 23) x £25 to £575 plus London Weighting according to previous experience and service. Dining-room facilities available. Write Secretary. C 179

## THE LONDON HOSPITAL, WHITECHAPEL, LONDON, E.1

**Locum Registered Pharmacists**

required from mid-April to mid-October 1954. Dining-room facilities available. Write Secretary. C 186

## THE MILLER GENERAL HOSPITAL (Cat. III)

**Senior Pharmacist or Locum Pharmacist**

Applications are invited for the posts of Senior Pharmacist or Locum Pharmacist in a well-equipped pharmaceutical department at the above hospital. Inspection of the department may be made by arrangement with Chief Pharmacist. Salary and conditions of service in respect of permanent appointments as laid down by the Pharmaceutical Whitley Council.

Applications giving full details should be made to the Secretary, G. & D./H.M.C., St. Alfege's Hospital, S.E.10, as soon as possible. C 6917

## UNITED SHEFFIELD HOSPITALS, JESSOP HOSPITAL FOR WOMEN

**Locum Pharmacist—Female**

required from June 7 to September 4, 1954, inclusive. Salary 13 to 15 guineas per week according to experience. Residence can be provided within the hospital if required. Applications with full details to be sent to the Superintendent, Jessop Hospital for Women, Sheffield, 3. C 6885

## UNITED SHEFFIELD HOSPITALS, JESSOP HOSPITAL FOR WOMEN

**Locum Assistant in Dispensing—Female**

required from June 7 to September 4, 1954, inclusive. Salary according to experience. Certificate of the Society of Apothecaries of London is desirable. Residence can be provided within the hospital if required. Applications with full details to be sent to the Superintendent, Jessop Hospital for Women, Sheffield, 3. C 6886

## WEST HAM GROUP HOSPITAL MANAGEMENT COMMITTEE, STRATFORD, E.15

**Deputy Chief Pharmacist**

required at Queen Mary's Hospital for the East End, Stratford, E.15 (Category IV). Whitley Council salary and conditions of service: £575 x £25—£675 per annum plus London Weighting.

Applications with copies of recent testimonials to Group Secretary, West Ham Group Hospital Management Committee, Stratford, E.15, by May 15, 1954. C 6910

# SITUATIONS OPEN

**8/6 for 36 words (min.) then 3d. per word. Box 2/-**

**The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.**

## RETAIL (HOME)

**CENTRAL LONDON.** Young lady assistants (with or without previous experience) required for toilet department in good class pharmacy. Part-time and full-time. Permanent positions with good progressive salaries. Saturday half-day. Summer holidays with pay this year. Apply with full particulars of age, experience, etc., to Box C 6891.

**CENTRAL LONDON.** Young lady dispensing assistant required for good class City/West End type of business. Duties mainly dispensing with knowledge of the counter. Good salary. Saturday half-day. Summer holiday with pay this year. No Sunday or rota duties. Apply stating age, and details of experience to Box C 6866.

**CHEMIST—SCOTLAND.** Wanted to manage London Road Branch, Glasgow. Good salary will be paid with entry to superannuation scheme after initial period of service. Well fitted shop with competent supporting staff. Applications in writing, stating age, experience and when available to Mr. G. Archibald, M.P.S., Technical Supervisor, S.C.W.S., Ltd., Retail Drug Dept., 187 Bogmoor Road, Shieldhall, Glasgow, S.W.1. C 1210

**CHEMIST—SCOTLAND.** Wanted as Manager of branch in Fifeshire. Good salary will be paid with entry to superannuation scheme after initial period of service. Recently modernised three apartment flat with bathroom and electric light available. Applications in writing stating age, experience, and when free, to Mr. G. Archibald, M.P.S., Technical Supervisor, Retail Drug Dept., 187 Bogmoor Road, Shieldhall, Glasgow, S.W.1. C 1209

**CHEMISTS' COUNTER ASSISTANT,** experienced lady required, pleasant personality. Excellent conditions. Apply Kendale Dispensing Chemists, 51 Exmouth Street, E.C.1. 'Phone Terminus 9494. C 6905

**DISPENSING ASSISTANT,** lady, required for good-class dispensing business in Hampshire market town. Congenial and interesting position for person with pleasant personality. Good hours. Please give all details of age, previous experience and salary required to Box C 1224.

**ILFORD AREA.** Pharmacist required to manage modern store pharmacy in good-class district. Position would interest ambitious man with up-to-date ideas and progressive outlook. Top salary and monthly bonus, payment for all rota duties, pension fund, etc. Accommodation or assisted house purchase scheme available. Permanency. Apply Chief Pharmacist, Grange Road, Leyton, E.10. C 1219

**MANAGER REQUIRED** for pharmacy in busy area; well staffed for brisk counter trade, moderate dispensing. Reasonable hours. Good salary. Possibility of succession. Full particulars to G. L. Lacey, 28 Lyndhurst Road, Plymouth. C 1203

**NORTH LONDON.** Unqualified dispensing assistant required for branch near Manor House, Finsbury Park. Salary plus bonus. Three weeks' holiday a year. Regret no living accommodation. Full details at interview. Apply with full particulars of experience to Box C 6918.

**NORTH LONDON SUBURB.** Excellent opportunity for experienced pharmacist to manage substantial business. Spacious shop and dispensary, nicely fitted. Good supporting staff. Excellent salary and monthly bonus. Superannuation fund, etc. Accommodation or assisted house purchase scheme available. Apply Chief Pharmacist, Grange Road, Leyton, E.10. C 1220

**NORTH LONDON.** Unqualified dispensing assistant required for good-class pharmacy. Previous retail experience essential. Apply with all particulars to John Harley, Ltd., 16 Aldermans Hill, N.13. C 1212

**PHOTOGRAPHIC SALES ASSISTANT** required. Permanent progressive job for keen young man. City Sale, 64 Cheapside, E.C.2. C 1205

## CHEMISTS SUNDRIES

South London wholesaler has vacancy for assistant manager. Must have good experience and knowledge of buying of surgical goods and general sundries. State age with full details of experience and salary expected. All replies treated in confidence. Box C6925

## Medical Representatives

Experienced, preferably qualified, Representatives are required by a company marketing a unique range of ethical products, for the following territories:

**Northern Scotland** **West Midlands**
**North Midlands** **North Lancashire**
**South Lancashire and Cheshire**

The positions offer an excellent opportunity for ambitious and energetic men to join a young, rapidly expanding company. A generous salary will be paid and a car is provided. There is a company pensions scheme. Older men should not be deterred from applying to this advertisement providing they have the right type of experience. Applications should be sent in confidence to Box C 6883.

### *Situations Open—Continued*

**PERMANENT** position is offered to a keen unqualified assistant with good dispensing experience, for relief duties at branches all situated in North London. Position offers variety, excellent experience, with good salary, and three weeks' holiday a year. Regret no living accommodation. Apply with full particulars of previous experience to Box C 6919.

**PRIVATE COMPANY** can offer permanent posts to experienced pharmacist managers in North-east England. In each case the shops are modern and well staffed. Apply giving particulars of experience and whether accommodation is required. Interviews can be arranged in Balfast or Newcastle. Box C 1200.

**SOUTH COAST.** Assistant required for photographic department, must be well experienced in selling cine apparatus, high priced cameras and accessories. Good salary and bonus. Permanency. Apply stating age and the fullest details of previous experience to Box C 6931.

**WANTED, PHARMACIST** (male or female), as superintendent. Wages 14 gns. weekly. House, rent free. Good hours and conditions. Apply the Garndiffaith & Varteg Co-operative Society, Ltd., Garndiffaith, Mon. C 1189

**WEST END.** Exceptional opportunity for unqualified lady or gentleman with West End display and sales experience in Pharmacy near Marble Arch. Generous salary paid to the right applicant. Nicely fitted shop with leading cosmetic agencies and excellent photographic and surgical departments. Apply stating salary required and full details of experience to Box C 1221.

### RETAIL (OVERSEAS)

**YOUNG QUALIFIED CHEMIST** (lady) required for retail pharmacy Bulawayo, S. Rhodesia. Excellent opportunity for energetic lady. Apply Box C 6840 stating experience and if possible enclose a recent photograph. An interview can be arranged in England.

### LOCUMS WANTED

**ARNOLD M. GEE, LTD.,** have a vacancy for a pharmacist for locum duties in the South London area. This can be for a period of a few months or a permanency according to the applicant's wishes. If a permanency then superannuation scheme operates. Excellent experience in taking full charge of all types of branches. Undeniable references required. Please give all particulars of age, previous experience and approximate salary required to the Managing Director, Derwent House, 12 High Street, Colliers Wood, S.W.19. C 1223

**LOCUM. URGENT.** Wanted immediately at Lord's, Chemists, Gorton, Manchester. £20 per week. No Sunday duty. Wednesday half-day. Competent assistant kept. Write or phone Eas. 1428. C 1226

### WHOLESALE

**A REPRESENTATIVE** required by well-known cosmetic company for each of two areas in Midlands. Residence in Cheshire and Leicestershire respectively preferable. Candidates must be able to produce proof of successful salesmanship with cosmetics or closely allied products; others requested not to apply. Good remuneration, pension scheme. Write Box C 6914.

**A PHARMACEUTICAL COMPANY** in Manchester, specialising in the manufacture of ethical preparations, requires a young assistant in the technical information department, which is responsible for the compilation of technical data and the answering of medical and pharmaceutical queries. Applicants may be of either sex, but a definite interest in this type of work is essential. Working conditions are congenial and there are canteen facilities. Applications, giving details of age, experience (if any) and salary required will be treated in the strictest confidence and should be addressed to Box C 6933.

**ADDIS, LTD.** (makers of Wisdom) require additional representatives for South Yorkshire and the South Midlands. Applicants should have experience of calling on chemists. The positions are interesting, progressive and pensionable. Salary, commission, expenses and car allowance. Write, giving details of age, experience, salary required and whether car owner or not to Addis, Ltd., Brushworks, Hertford. C 6923

**AN ADDITIONAL REPRESENTATIVE** is required by The Chas. H. Phillips Chemical Co., Ltd., for the Midlands area (Leicester, Staffordshire, Worcester). Applicants, who should be under 35 and resident in the locality, must have had sound retail pharmacy experience and be genuinely anxious to establish themselves in an interesting but arduous new field of activity. Remuneration by salary and expenses, car provided. Write: Sales Director, 179 Acton Vale, London, W.3. C 6927

**AN EXCEPTIONAL OPPORTUNITY** arises in an old-established firm of manufacturing and wholesale chemists in South Midlands for a young qualified chemist. Wholesale experience and as a representative would be an advantage. The post offers excellent prospects for the right type of man with ability, ambition and initiative. Candidates should possess a comprehensive knowledge of ethical specialities. Applications in own handwriting giving age, full personal details, education and experience, together with recent photograph if available, to Managing Director, Box C 1207.

**ASSEMBLERS,** experienced in patents, proprietaries, toilet requisites and sundries, required. Excellent scope. Apply Biorex Laboratories, Ltd., 47/51 Exmouth Street (Mkt.), London, E.C.1. 'Phone Terminus 5216. C 6903

**ASSISTANT MANAGER** with good knowledge and experience of British pharmaceutical trade required for home sales department of leading merchant company. Write with full details age, experience and previous situations held. Box C 6899.

**BIOREX LABORATORIES, LIMITED. SALES REPRESENTATIVE.** Due to expansion a larger traveller force is required to call on retail chemists with drugs, galenicals, ethicals, patents, dressings, and sundries; pharmacists preferred, car owners with established connection in London and Home Counties; substantial salary, commission and expenses. Apply with full particulars to the Managing Director, 47/51 Exmouth Street (Mkt.), London, E.C.1. C 6900

**GOYA, LTD.,** have a vacancy for a first-class representative for a territory comprising Kent, the S.E. and E.C. postal districts of London. Experience of selling to chemists and departmental stores essential. Applicants should have had a good education, and be of smart appearance. Please write giving details of past experience and age to the Sales Manager, Goya, Ltd., Amersham, Bucks. C 6928

**BIOREX LABORATORIES, LIMITED. INDUSTRIAL REPRESENTATIVE.** Due to expansion a larger traveller force is required to call on industrial establishments with drugs, and first-aid appliances, dressings and plasters; car owners, with established connection in London and Home Counties; substantial salary, commission and expenses. Apply with full particulars to the Managing Director, 47/51 Exmouth Street (Mkt.), London, E.C.1. C 6901

**C. L. BENCARD, LTD.,** have an immediate vacancy for a top grade medical representative to cover Manchester and South East Lancashire. Progressive post offers an excellent opportunity to a man with experience in detailing ethical products to all branches of the medical profession. The appointment is pensionable and a profit sharing scheme is in operation. A company car will be provided, and all expenses paid. Apply in writing, stating age, experience and salary required to Sales Manager, Minerva Road, London, N.W.10. C 6907

**EXPERIENCED** process worker required for tincture dept. of London drug House. Good salary, five-day week, canteen facilities. Apply Box C 6895.

**HOSPITAL AND MEDICAL** representative wanted for S.W. England for the sale of electrical appliances, hypodermic syringes, etc. Car essential. Salary, commission and expenses. Write in fullest confidence details age, experience and connection to Box C 6922.

**MANUFACTURING CHEMISTS** marketing range of superbly presented quality proprietaries require keen, free-lance representatives and agents for re-establishment of the following areas: London, Southern and Eastern Counties, Lancashire, Scotland and West Country. Existing business handed over. Applicants should be car owners and have strong connections with chemists, stores, co-ops, etc. Top commission paid and sound prospects for men with enterprise and drive. Fullest particulars in confidence to Sales Director. Box C 1222.

**MEDICAL REPRESENTATIVES** required by London house to visit doctors, hospitals and chemists in the Yorkshire, Northumberland and Durham areas, in Scotland (principal towns from Glasgow to Aberdeen) and also in the Greater London area. Applicants must have a good pharmaceutical background and a knowledge of medical terminology. Men between the ages of 25 and 35 are invited to apply, and details of age, experience and salary required should be stated. Box C 181.

**NORTH LONDON.** Unqualified assistant (male) required for warehouse for assembling orders, stock control and general warehouse duties. Experience in the wholesale not essential, but a good general knowledge of retail pharmacy an advantage. Hours 9 a.m.-6 p.m. Saturday 1 p.m. Permanency. Apply stating age and full particulars of previous experience to Box C 6932.

**PHARMACIST** preferably with manufacturing experience required for small proprietary medicine business. Write, stating age and experience to Managing Director, George Eade, Ltd., 232 Goswell Road, London, E.C.1. C 183

**REPRESENTATIVE** well-introduced amongst chemists, hairdressers, etc., wanted by company of chemist sundries wholesalers, manufacturers and importers of repute and a few introduced branded specialities and prices without competition for various parts of the U.K. (except London and Lancs) against liberal commission and part expenses (if own car). Detailed offer with indication of territory covered and references to Box C 6764.

## MEDICAL REPRESENTATIVES

**Excellent Opportunity**

Rapidly expanding use of " CLINITEST " and development of other important ethical products necessitates appointment of additional representatives to contact Specialists, Hospitals, Clinics, etc. Some medical or pharmaceutical knowledge desirable, but genuine enthusiasm, initiative and determination essential. Age 25-38. There will be a training period for the right men who will receive a good commencing salary. Company car and pension scheme. Applications from those resident in the midlands considered first. Write short letter, enclosing separate career sheet with full dctails of education and experience, to Director, Medical Department, Don S. Momand, Ltd., 58 Albany Street, London, N.W.1. C 6915

**'UNISEC'** *from the Single Unit to the Complete Pharmacy*
WRITE FOR YOUR COPY OF THE STANDARD REFERENCE OF PHARMACY FITTING
**MYERS of OLD ST.**
133/5 & 141/7 OLD STREET, LONDON, E.C.1

## IMPORTANT

**Box Office numbers are intended exclusively for specific answers to particular advertisements. Price Lists, Trade Circulars, Samples and Printed Matter cannot be forwarded.**

### *Situations Open—Continued*

**PRICING CLERK** required; experienced in pricing and extending of drugs, patents, ethicals and sundries. Unusual opportunity for able person, either sex. Apply in writing to Biorex Laboratories, Ltd., 47/51 Exmouth St. (Mkt.), London, E.C.1. C 6906

**PROCESSOR,** accustomed to manufacture of ointments, emulsions, etc., required. Excellent scope for experienced and industrious person. Apply with full particulars to the Chief Pharmacist, Biorex Laboratories, Ltd., 47/51 Exmouth Street, E.C.1. 'Phone Terminus 9494. C 6904

**REPRESENTATIVE REQUIRED** for perfumery for West and South London and another for the West Country. Live connections essential. Send full details to Grossmith, 45 Piccadilly, W.1. C 1228

**REPRESENTATIVE** required for South of England territory of an old-established Printing House specialising in printing for chemists, hospitals, etc. Experience in printing is not an essential, but applicants must be of good character and appearance, and have a good knowledge of the pharmaceutical profession. Box C 1204.

**REPRESENTATIVE REQUIRED.** Applications invited to fill vacancy in London area. Visiting mainly hospitals and wholesalers. Pharmaceutical qualifications essential. Age not exceeding 40. Remuneration by salary and usual expenses. Company pension scheme. Write fully: Ref. HAC, The British Drug Houses, Ltd., Graham Street, London, N.1. C 6873

**REPRESENTATIVES WANTED** in several areas. Pharmaceutical speciality products, retailers, wholesalers and hospitals. Remuneration commission only, but representation for another non-competitive firm not objected to. Clay & Abraham (Mnfg.), Limited, 2 Upper Duke Street. Liverpool, 1. C 1213

**SALES MANAGER** required aged 30-45, by manufacturers of nationally advertised cosmetic and toilet products, in Reading area, to control sales force and to take personal responsibility for selected house accounts. This appointment has excellent prospects for a vigorous and progressive-minded man. Good salary and commission paid. Write, giving details of age and experience to Box C 6921.

**SALES REPRESENTATIVE** with retail experience required by London drug house for Surrey, Hants, Berkshire and Oxon. Full details Box C 6894.

**SALESMAN TRAVELLERS.** Agents calling upon chemists, having regular and good connections are required for a new nationally advertised toilet product. An easy and quick selling and regular repeat article, top commission paid. Write stating area covered to Box C 1167.

**TABLET MANAGER** required by well-known house in S.W. Lancs. Pharmacist with good experience of manufacture-research encouraged. Good salary for right man. Pension scheme. 5-day week. Full details in writing to Box C 6887.

**WORKS CHEMIST**

Manufacturing Chemists in the Midlands require a Works Chemist. Permanency. Good conditions, write full particulars, experience, age and salary required to Box C 6934.

### WHOLESALE (OVERSEAS)

**WELL-KNOWN GROUP** of companies in the toilet and pharmaceutical field invites applications from chemists (B.Sc. or A.R.I.C.) and pharmacists (B.Pharm. or Ph.C.) to take up appointments as factory managers in overseas factories. Extensive training will be given in the home factories of the Group during which period the applicant will receive a salary of £750. After posting abroad a four-figure salary plus local allowances will be paid. Box C 6865.

**WEST AFRICA.** May & Baker, Ltd., Dagenham, Essex, invite applications from young single pharmacists aged 23-30 with sound commercial background in retail and/or hospital practice. These positions offer interesting and progressive careers to men of character and integrity and entail short tours within the Colonies with generous home leave. Duties consist of the promotion of the company's products to the medical profession, hospitals, retail and wholesale trade. Training will be given in the U.K. There is a contributory pension scheme. Write giving full details to the Personnel Officer. C 6929

## SITUATIONS WANTED

**3/- for 18 words (min.) then 2d. per word. Box 1/-**

### RETAIL (HOME)

**OPHTHALMIC OPTICIAN,** C.P.C. registered, F.B.O.A., F.S.M.C., available for single days or half-days in London area. Box C 6920.

**QUALIFIED LADY** seeks part-time position preferably West End or North-west London area. Apply Box C 1211.

### WHOLESALE

**AN APPOINTMENT** is desired by a reputable representative with strong connections in South Wales area. Agencies considered. Box C 1215.

**COMPETENT EXECUTIVE,** 17 years' experience production, sales, costing and sales management, seeks position as sales manager. Pharmaceuticals, sundries or cosmetics. Box C 1193.

**EXPERIENCED** medical propagandist (37), good education, car owner, desires change. Midlands area preferred. Basis: Salary and expenses. Box C 1192.

**GENTLEMAN,** well known among retail chemists in London area, seeks position as representative with sundries house. Box C 1208.

**GENTLEMAN** with long varied experience of the pharmaceutical trade in retail, wholesale and manufacturing, sales, office and factory management. Import and export sales and procedure, seeks executive position with reliable firm. Box C 1195.

**PERFUMERY AND COSMETIC** representative requires change to a progressive and enterprising house (not necessarily cosmetic). Eight years' experience in selling. Car owner. Mobile if required. Highest standard of salesmanship assured. Unique connection with chemists, stores, hairdressers in Northern England, Yorks, Lancs, L.o.M. Sound reasons for desiring change. Box C 1202.

**REPRESENTATIVE,** chemist, sundries and packed drugs, wholesale and retail. Good connections, long-standing. South London and Home Counties. Box C 1227.

**MEDICAL REPRESENTATIVE** wants additional lines. Commission basis. Own transport provided. Box C 1225.

**POSITION WANTED** as representative. Medical prof. knowledge. Speaks: French, Dutch, Flemish, German (Some Ital., Span.). Connections in Europe. Would travel, Home and Abroad. Box C 1206.

**YORKSHIRE AREA,** energetic traveller, own car, large live connection wholesale and retail, seeks position with well-known manufacturer. Box C 4653.

## MISCELLANEOUS SALES

**17/6 for 36 words (min.) then 4d. per word. Box 2/-**

**2 TONS** sodium sulphate, 100 gall. acetic acid to clear, ex London, E.14. Box C 6930.

**SPECIAL PURCHASE OF MODERN DRYING PLANT**

TEN NEW AND UNUSED TWIN ROLL SPRAY DRIERS, with rolls 40 in. long x 32 in. dia., suitable for 60/80 lb. sq. in. W.P., fitted spray discs and air cooled scrapers. Main drive for rolls is by 7 h.p. a.c. motor through reduction gearbox. Drier fitted with enclosed work discharge conveyors with ancillary equipment embracing two motor driven air blowers, motor driven 1¼ in. dia. Stainless steel pump, jacketed feed tank approx. 54 in x 37 in. x 26 in. deep, and motor driven dresser for dried material, comprising 4 ft. long x 12 in. dia. phosphor bronze mesh covered screen, with spiral distributor to bagging-off outlet.

FOUR NEW AND UNUSED VACUUM DRYING OVENS of mild steel welded construction, approx. 7 ft. long x 3 ft. 6 in. wide x 3 ft. 6 in. deep, fitted nine steam heated shelves to carry thirty-six acid resisting metal trays, 36 in. long x 16 in. wide x 1½ in. deep. Davit swung door at each end, with hand wheel closing mechanism. Oven complete with set of thirty-six trays, motor driven horizontal wet vacuum pump, pressure and vacuum gauges, and connecting piping.

FOUR NEW AND UNUSED WET AND DRY HORIZONTAL VACUUM PUMPS, type PN.6 single-stage, double-acting type. Capacity approx. 200 cu. ft. per minute displacement at speed 125 r.p.m. Fitted outboard bearing with driving pulley, approx. 12 h.p. required to drive.

GEORGE COHEN, SONS & CO., LTD., WOOD LANE, LONDON, W.12.
Tel.: Shepherds Bush 2070 and
STANNINGLEY, NR. LEEDS.
Tel.: Pudsey 2241. C 6835

**MODERN CHEMIST SHOP** fittings, drug ranges; wallcases and framless sliding doors, display counters and showcases; all styles of window fittings and display stands. D. Matthews & Son, Ltd., Complete Chemist Shop Fitters and Shop Front Builders, 14-16 Manchester Street, Liverpool. C 141

**RECONDITIONED EX-ARMY HUTS** and manufactured buildings. Timber, asbestos, Nissen-type, hall type, etc. All sizes and prices. Write, call or telephone. Universal Supplies (Belvedere), Ltd., Dept. 90, Crabtree Manorway, Belvedere, Kent. Tel.: Erith 2948. C 138

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Telephone: RIChmond 3221

## AGENCIES

**17/6 for 36 words (min.) then 4d. per word. Box 2/-**

**AGENTS REQUIRED** for all territories, by leading manufacturers of toilet rolls and greaseproof packs, also world-renowned brand of Xmas crackers. Must have good connections with wholesalers, co-ops and multiples. Good terms to right men. Box AC 81768, Samson Clarks, 57/61 Mortimer Street, London, W.1. C 157

**M.A.A.**—The badge of a good manufacturers' agent. Manufacturers requiring reputable agents are invited to communicate with the Secretary, The Manufacturers' Agents' Association of Great Britain & Ireland (Inc.), 8 Bream's Buildings, E.C.4. Membership available to established agents only. Particulars supplied. C 4

## BUSINESS OPPORTUNITIES

**17/6 for 36 words (min.) then 4d. per word. Box 2/-**

**C. E. SURMAN & CO., LTD.,** manufacturers' agents, 23 Charterhouse Street, London, E.C.1, have a very wide connection amongst London shipping houses. They would be pleased to hear from manufacturers desirous of increasing their export sales through London merchants and confirming houses. C 1217

**OWN MATERIAL TABLETED,** from 6d. per 1,000 upwards. Aspirin tablets a speciality. The Dales Tablet Makers, Ltd., Steeton, Yorkshire. 'Phone Steeton 3222. C 185

## WANTED

**17/6 for 36 words (min.) then 4d. per word. Box 2/-**

**MEDICAL BOTTLES,** tablet bottles, closures and all types of packaging materials purchased, no quantity too large. Samples and full details to Noel Davold & Co., 9 Laurence Pountney Lane, Cannon Street, E.C.4. Mansion House 3951-2. C 178

**WE WILL PURCHASE** for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020, 7692. C 140

**WANTED** second-hand plant:—Auto-clave, approx. 28" x 50" gas or electrically heated, w.p. 20 lbs., for sterilisation of injections; sterilising oven, gas or electrically heated 30-50 gallon pans; tube filling machine (hand). Apply Biorex Laboratories, Ltd., 47/51 Exmouth Market, London, E.C.1. C 6902

**ALL KINDS OF BOTTLES, JARS, SCREW CAPS,** cartons, packaging materials and manufacturers' stocks of all kinds bought at fair prices for spot cash. We are buyers of merchandise of EVERY DESCRIPTION. Clearance Stocks, Discontinued lines, Surplus and Redundant Stocks. Should you have anything for disposal, please sent us samples and particulars. Reliance Trading Co., 13 New College Parade, Finchley Road, N.W.3. C 153

## TENDERS

### SOUTH-WEST METROPOLITAN REGIONAL HOSPITAL BOARD

**Tender for Drugs**

Tenders are invited for the supply of drugs to various Hospitals in the Region and to certain Teaching Hospitals in London for a period of one year from July 1, 1954.

The items include general drugs, injections, radiologicals, hormone and vitamin preparations.

Applications for tender forms should be made in writing to Contracts Officer:—

W. E. L. JONES, ESQ
Supplies Department.
St. Helier Group Hospital Management Committee,
Wrythe Lane,
Carshalton, Surrey. C 6924

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IT GIVES A COPIOUS LATHER
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FOR HOME USE
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# TO BOOST YOUR SALES OF

# Cussons TALCS

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***Talcum Powder***

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These advertisements in full colour will be appearing during the summer months as dominant whole pages in the leading magazines seen by women. Past experience indicates that sales of Cussons talcs will leap forward, and that the stockists who benefit most will be those who *display* the full range and support their display with adequate stocks. Place your orders early.

**CUSSONS SONS & CO LTD**

**KERSAL VALE, MANCHESTER 7**

The CHEMIST AND DRUGGIST
MAY 1 1954

Where quality is placed first in the manufacture of

# Tablets

the pharmacist can buy and profit with confidence

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BRIGHTON